تكنولوچيا المعلومات والاتصالات
للمدارس الرسمية والخاصة لغات







ICT

INFORMATION
& COMMUNICATION
TECHNOLOGY



4th Primary
FIRST TERM

الصف الرابع الابتدائى
الفصل الدراسى الأول





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جدول مواصفات الورقة الامتحانية لمادة تكنولوچيا المعلومات

للصف الرابع الابتدائى للعام الدراسى ٢٠٢٤/٢٠٢٥

يكون اختبار الشهور ونهاية الفصل الدراسى تحريرى (اختيار من متعدد وصح وخطأ).

بناءً على القرار الوزارى رقم (١٩٥) بتاريخ ٢٠٢٣/١٠/٩، يعقد نظام التقييم على مخرجات التعلم على النحو التالى :

الاختبارات ويخصص لها (٦٠) درجة موزعة على النحو التالى:			المهام الأدائية	المواظبة على الحضور	الدرجة النهائية (١٠٠)
الاختبار الأول	الاختبار الثانى	الاختبار الثالث	(٣٥) درجة	(٥) درجات	
نهاية الشهر الأول (١٥) درجة	نهاية الشهر الثانى (١٥) درجة	نهاية كل فصل دراسى (٣٠) درجة			

تطبيق الاختبارات

١. **الاختبار الأول :** يستهدف الأجزاء المقررة التى تم تدريسها فى الشهر الأول ويقيس نواتج التعلم المستهدفة في تلك الفترة الزمنية فقط.

٢. **الاختبار الثانى :** يستهدف الأجزاء المقررة التى تم تدريسها فى الشهر الثانى ويقيس نواتج التعلم المستهدفة في تلك الفترة الزمنية فقط.

٣. **الاختبار النهائى :** يُعقد فى نهاية كل فصل دراسى، ويقيس نواتج التعلم المستهدفة فى الفصل الدراسى كاملًا، ويحصل الطالب فى نهاية الفصل الدراسى على مجموع الدرجات الثلاث.

تطبيق المهام الأدائية :

- الدرجة المخصصة للمهام الأدائية هى (٣٥) درجة توزع كما يلى :

المرحلة	التخطيط الجيد	جدية العمل	المنتج النهائى	الدرجة النهائية
الدرجة	(٥) درجات	(٥) درجات	(٢٥) درجة	(٣٥)

المواظبة على الحضور :

الوصف : يخصص (٥) درجات لانتظام حضور الطلاب إلى المدرسة وتحسب كما يلى :

الانتظام	يواظب الطالب على الحضور إلى المدرسة، يتغيب أحيانًا (٣ أيام) بعذر مقبول	يواظب الطالب على الحضور، يتغيب أحيانًا (٣ أيام) بدون عذر	يتغيب بدون عذر كثيرًا
الدرجة	٥	٣	١

الضوابط العامة التى يجب مراعاتها عند التقييم :

- مراعاة الأهداف العامة للمرحلة التعليمية ونواتج التعليم والتعلم لمقرر الفصل الدراسى.
- مراعاة أن تعكس دراسة الطالب لنشاط تكنولوجيا المعلومات أثرًا إيجابيًا على سلوكه واستخدامه للتكنولوجيا.
- مراعاة نواتج التعلم بالمحتوى وأن تغطى الأسئلة المفاهيم والمهارات بالمحتوى الذى يوضع فيه الاختبار.
- أن تقسيم الأسئلة مستويات التفكير المختلفة (التذكر الفهم التطبيق حل المشكلات).
- الالتزام بالمصطلحات والرموز الواردة بالمحتوى.
- تكون الأسئلة واضحة ولا تحتمل أكثر من معنى.
- ان تكون الأسئلة بصياغة لغوية واضحة ودقيقة وبسيطة وخلوه من الأخطاء الإملائية.
- حجم خط ونوع مناسب مقرؤ للمرحلة العمرية.
- تتضمن ورقة الاختبار اسم الاختبار زمنه، درجة الاختبار، ومكان لكتابة اسم الطالب واسم مدرسته.

ضوابط وضع الاختبار أسئلة اختيار من متعدد :

- **نوعية الأسئلة اختيار من متعدد تكون رأس المفردة قصيرة قدر الإمكان، ألا تقل عدد الخيارات عن أربعة خيارات فى شكل عبارات صغيرة.**
- **عدم تكرار السؤال فى الاختبار.**



Part 1

THEME 1 The role of ICT in our lives

Lessons of Theme One

THEME 2 Digital safety and security precautions

Lessons of Theme Two

Part 2

◄ علامة 📖 تشير إلى تدريبات كتاب المدرسة



Scope and sequence

THEME 1 : The role of ICT in our lives

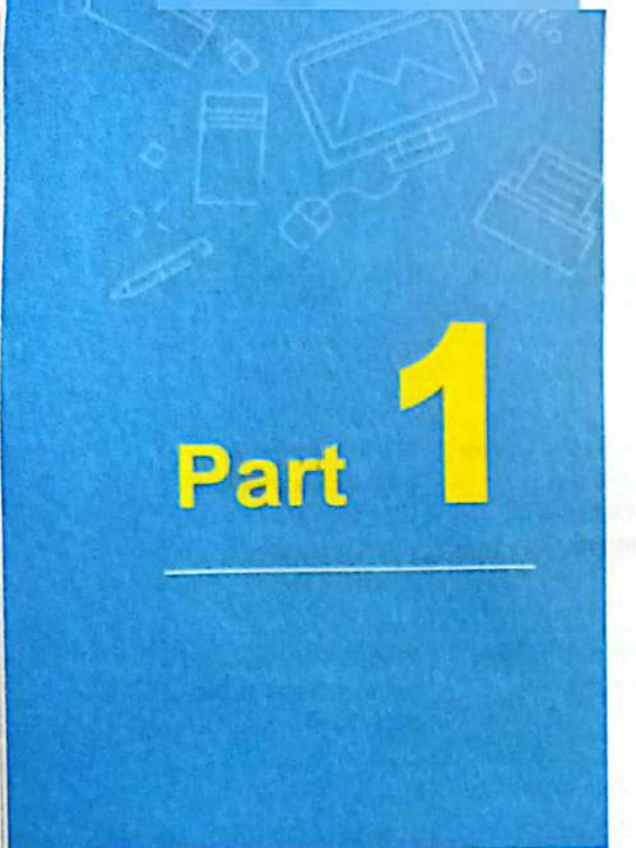
Essential Question : How can we use technology effectively ?

LESSON	TOPICS	SKILLS INTEGRATION		
		Life Skills	Values	Issues and challenges
LESSON 1 Explorer in Action	• How archaeologists use ICT in their jobs and daily life • Technology used to explore the earth	**Learning to know :** critical thinking; problem solving	**Academic values :** appreciation of science and scientists	**Issues of globalization :** technological awareness
LESSON 2 The evolution of technology	• The history of ICT • How technology is used in our daily life • Practice of typing skills	**Learning to know :** critical thinking; problem solving **Learning to be :** communication; self-management	**Academic values :** appreciation of science and scientists; curiosity	**Issues of globalization :** technological awareness
LESSON 3 Components of computer systems	• The main components of computer systems • Input, output and data • Different types of computer hardware	**Learning to do :** collaboration **Learning to know :** creativity; problem solving	**Academic values :** perseverance	**Issues of globalization :** digital citizenship
LESSON 4 Software and operating systems	• Operating systems and software • How a computer communicates	**Learning to be :** communication **Learning to know :** creativity	**Work values :** collaboration	**Issues of globalization :** technological awareness
LESSON 5 Supporting people of determination	• Assistive technology • How technology can improve the lives of people of determination	**Learning to know :** creativity **Learning to live together :** empathy; respect for diversity	**Co-existence values :** respect ; tolerance and acceptance	**Non-discrimination issues :** discrimination against people with special needs
LESSON 6 Common ICT problems and solutions	• Common ICT problems • Solutions to common ICT problems	**Learning to know :** creativity; problem solving		**Issues of globalization :** technological awareness
LESSON 7 Collecting, analyzing, and graphing data	• Digital tools to organize data • Collecting, analyzing, and graphing data	**Learning to be :** communication **Learning to live together :** participation	**Academic values :** objectivity	
LESSON 8 Reporting findings	• Different ways to communicate electronically	**Learning to be :** communication **Learning to know :** creativity; critical thinking	**Co-existence values :** participation	**Issues of globalization :** entrepreneurship

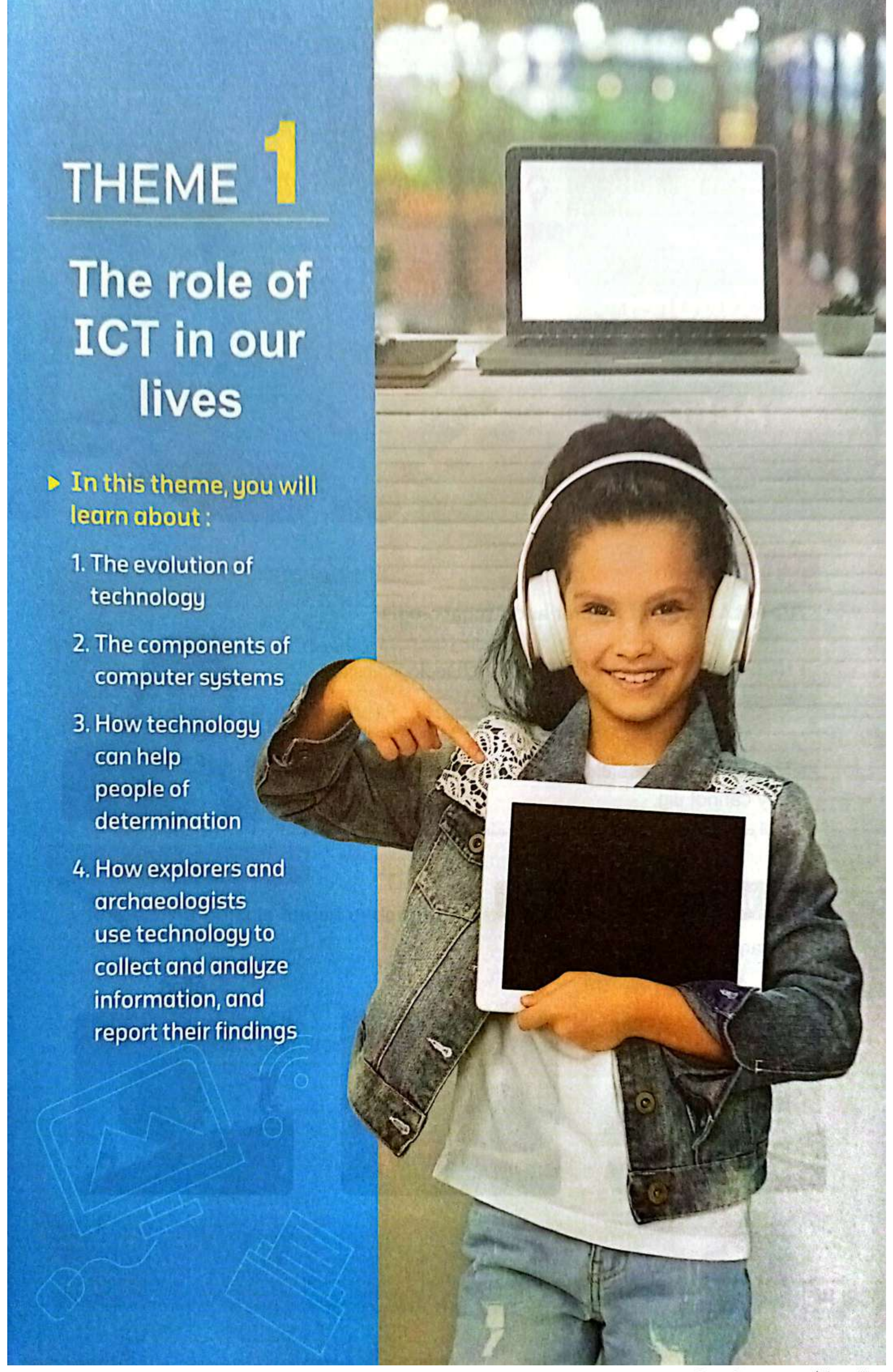
THEME 2 : Digital safety and security precautions

Essential Question : How can you be safe and use reliable sources when online ?

LESSON	TOPICS	SKILLS INTEGRATION		
		Life Skills	Values	Issues and challenges
LESSON 1 Explorer in Action	• How scientists use ICT in their jobs and daily life • How technology can help to communicate information	**Learning to know :** critical thinking; problem solving	**Academic values :** appreciation of science and scientists	**Health and population issues :** therapeutic health
LESSON 2 Online dangers and how to be safe	• Online risks and dangers • The importance of keeping personal information private • Staying safe online	**Learning to be :** communication **Learning to know :** critical thinking	**Personal values :** independence	**Citizenship issues :** awareness of duties and rights
LESSON 3 Using ICT tools in a healthy and ethical way	• Posting online • Crediting others • Respecting the law • The positive effects of ICT tools	**Learning to live together :** respect for diversity **Learning to be :** accountability	**Co-existence values :** respect; tolerance and acceptance	**Citizenship issues :** legal awareness **Non-discrimination issues :** discrimination against people with special needs
LESSON 4 How to search online	• Safe online searches • Choosing key words for an online search	**Learning to be :** communication; self-management **Learning to know :** critical thinking	**Personal values :** independence	**Issues of globalization :** technological awareness
LESSON 5 How to check whether information online is true	• Reliable and unreliable online sources • The Egyptian Knowledge Bank	**Learning to know :** critical thinking	**Academic values :** curiosity; objectivity	**Issues of globalization :** digital citizenship
LESSON 6 Who can help you with online problems ?	• Online bullying and inappropriate content • What to do about online problems	**Learning to do :** decision-making **Learning to live together :** empathy		**Citizenship issues :** legal awareness **Issues of globalization :** digital citizenship
LESSON 7 My personal digital safety plan	• Identifying and creating strong passwords • The importance of good anti-virus 'software • Protecting devices from possible online dangers	**Learning to know :** creativity; critical thinking	**Academic values :** objectivity	**Issues of globalization :** technological awareness
LESSON 8 Practicing what you learned	• Researching and presenting a topic safely and effectively	**Learning to do :** collaboration	**Co-existence values :** participation **Personal values :** independence	**Issues of globalization :** technological awareness

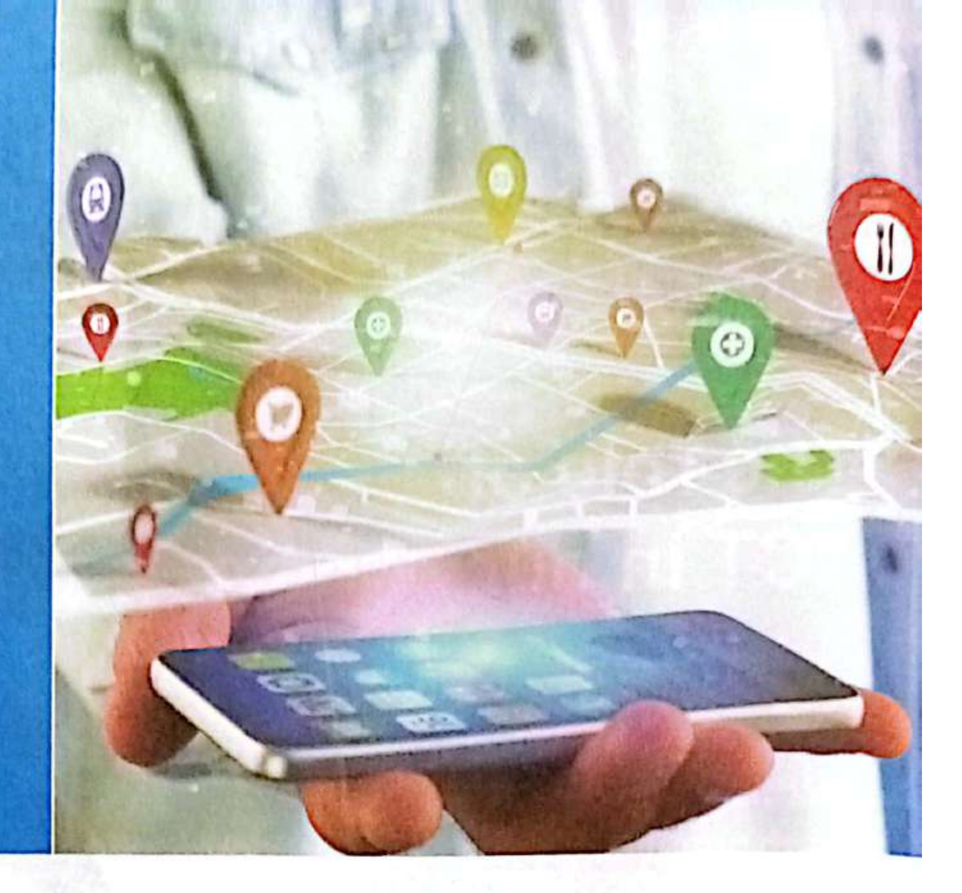


Contents


THEME 1
The role of ICT in our lives
In this theme, you will learn about :
1. The evolution of technology
2. The components of computer systems
3. How technology can help people of determination
4. How explorers and archaeologists use technology to collect and analyze information, and report their findings



Explorer in Action



Learn

Albert Lin is an Explorer and Archaeologist.

«ألبرت لين» مستكشف و عالم آثار.



- He uses different tools to explore archaeological sites without digging.

  يستخدم «ألبرت لين» أدوات مختلفة لاستكشاف مواقع أثرية بدون تنقيب.

- These tools are useful to archaeologists as sometimes they cannot dig.

  استخدام هذه الأدوات مفيد لعلماء الآثار لأنهم في بعض الأحيان لا يمكنهم الحفر.

The importance of tools.

They can save :

1. time



2. cost



3. effort



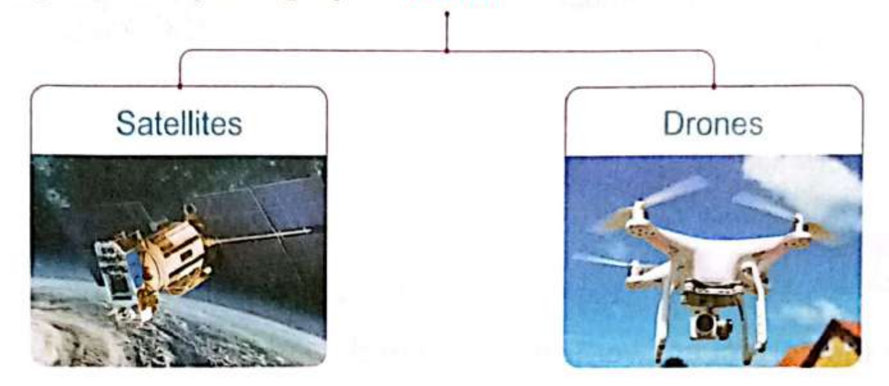
explorer	مستكشف	archaeologist	عالم آثار	without	بدون
dig	يحفر	technology	تكنولوچيا	save	يوفر
sites	مواقع	cost	تكلفة		
time	وقت	effor	مجهود		



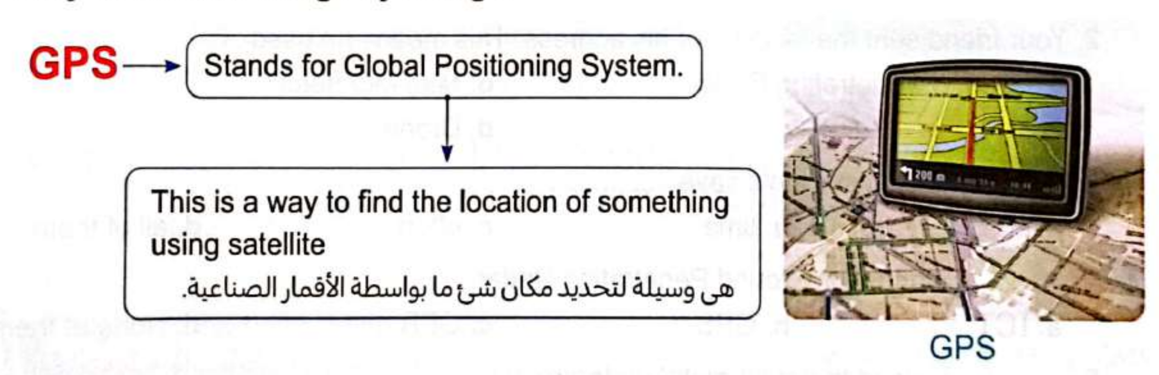
▸ Archaeologists' tools

A Above the ground

* They can use photographs **from** :



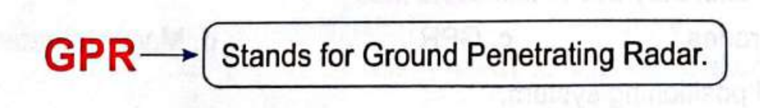
• They can locate things by using :



GPS

B Under the ground

• To discover objects buried underground, they use this radar :





GPR

location	موقع	way	طريقة	Ground Penetrating Radar	رادار مخترق للأرض
photograph	صور فوتوجراف	discover	يكتشف	objects	أشياء
locate	يحدد	buried	مدفون	magnetic field	مجال مغناطيسي
satellite	قمر صناعى	underground	تحت الأرض		

- To measure a magnetic field and find metal underground, they use magnetometer.
  جهاز يقيس المجال المغناطيسي ويمكن استخدامه للعثور على المعادن للعثور على المعادن.
- Engineers relied on Magnetometer to locate the construction sites.
  يعتمد المهندسين على مقياس المغناطيسية لتحديد مواقع البناء.


Magnetometer



▶ Choose the correct answer from a, b, c or d.

1. Albert Lin uses .... to locate things above the ground.
   a. Ground Penetrating Radar **b.** Magnetometer
   c. GPS **d.** b & c
2. Your friend sent the location of his address. This means he used ....
   a. Ground Penetrating Radar **b.** Magnetometer
   c. GPS **d.** Drone
3. The archaeologists' tools save ....
   a. cost **b.** time **c.** effort **d.** all of them
4. .... stands for Ground Penetrating Radar.
   a. ICT **b.** GPS **c.** GPR **d.** None of them
5. .... is used to detect metal underground.
   a. Magnetometer **b.** Global Positioning System
   c. Drone **d.** GPS
6. The .... is a tool to find things under the ground.
   a. Computer **b.** Ground Penetrating Radar
   c. GPS **d.** Drone
7. To measure the magnetic field, they use ....
   a. GPS **b.** Drones **c.** GPR **d.** Magnetometer
8. .... stands for Global positioning system.
   a. ICT **b.** GPR **c.** GPS **d.** None of them

magnetometers	مقياس المغناطيسية	metal	معادن	construction sites	مواقع بناء

Stop here !





استمع إلى ملخص الدرس

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

Lesson Summary



- Albert Lin is an explorer and archaeologist.
  ألبرت لين مستكشف وعالم آثار.
- Archaeologists use special tools to explore archaeological sites without digging.
  يستخدم علماء الآثار أدوات خاصة لاستكشاف المواقع الأثرية دون حفر.
- To take photographs they use satellites and drones.
  لإلتقاط الصور الفوتوغرافية يمكن استخدام الأقمار الصناعية والطائرات بدون طيار.
- The archaeological tools save time, cost and effort.
  توفر أدوات علماء الآثار الوقت، التكلفة والجهد.
- To locate things above the ground, use GPS, satellites and drones.
  لتحديد الأشياء فوق الأرض استخدام جهاز تحديد المواقع والأقمار الصناعية والطائرات بدون طيار.
- To locate things under the ground, use Magnetometers and GPR.
  لتحديد الأشياء تحت الأرض، استخدام المقاييس المغناطيسية ورادار اختراق الأرض.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Explorer in Action	explorer - archaeologist	Albert Lin is an explorer and archaeologist.
	tools - time	There are many tools which Albert Lin can use to save time, cost and effort.
	GPS	This is a way to find the location of something using satellites.
	Satellites - drones	Satellites and drones are used to take pictures of different places.
	GPR	This radar can discover objects buried underground.
	magnetometer	Magnetometer measures a magnetic field. It can find metal underground.

General Exercises

On Lesson One

يمكنك حل التدريب و تصويبه إلكترونيا

ممتاز ● جيد جدا ● جيد ● غير جيد ●

▸ If you got ● you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على ● (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. The Ground Penetrating Radar device is used to find objects under the surface of the earth. (سوهاج - جهينة ٢٠٢٤) ( )
2. Magnetometer is used to discover metals underground. (الأزهر الشريف - الاسكندرية - العجمي ٢٠٢٤) ( )
3. The engineers relied on magnetometer to locate the construction sites. (الاسكندرية - إدارة الجمرك ٢٠٢٣) ( )
4. GPS is used to find the location of places you might need to visit. (المنيا - المنيا ٢٠٢٣) ( )
5. Magnetometer is used to determine places via satellites. (المنيا - دير مواس ٢٠٢٣) ( )
6. The Global Position System (GPS) is connected to satellites to determine locations. (الأزهر الشريف - المنيا - سمالوط ٢٠٢٤) ( )
7. 🕮 The taxi driver relies on the GPS (Global Positioning System) device. (المنوفية - قويسنا ٢٠٢٤) ( )

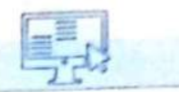
2 Choose the correct answer from a, b, c or d.

1. .... is used to locate things via satellite. (المنوفية – شبين الكوم ٢٠٢٤)
   a. GPS b. GPS c. Magnetometer d. Metal
2. 🕮 The .... is used to detect old coins underground. (الازهر الشريف- القاهرة - حدائق القبة ٢٠٢٣)
   a. Magnetometer b. GPS c. GPR d. Drone

2. El Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. Albert Lin is an ....
   a. explorer b. archaeologist c. engineer d. both (a) and (b)
2. By using the archaeological tools we can save ....
   a. time only b. effort only c. both (a) and (b) d. none of them
3. 🕮 We use .... to determine the locations.
   a. GPS b. GPR c. RAM d. magnetometer
4. .... is used to discover objects buried underground.
   a. GPS b. GPR c. Magnetometer d. IT system



5. The .... measures a magnetic field.
   a. Magnetometer b. Satellite c. Drone d. GPS
6. 🕮 .... is used to take photos above the ground.
   a. Magnetometer b. Satellites c. GPR d. ICT
7. .... use different tools to explore archaeological sites without digging.
   a. Doctors b. Teachers c. Archaeologists d. non of them
8. Alber Lin takes photographs from ....
   a. GPS b. drones c. GPR d. none of them
9. .... is a way to find the location of something using satellites.
   a. GPR b. GPS c. drone d. none of them

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Albert Lin uses modern technological tools. ( )
2. GPR is used to search for a specific location above the ground. ( )
3. Technological tools waste time. ( )
4. 🕮 Drones are used to photograph specific places. ( )
5. Satellites are used underground. ( )
6. Archaeologists use Magnetometer to take photos. ( )
7. Through using of technological tools, scientists can save time, effort and cost. ( )
8. The tourist depends on the penetrating radar to locate the different places. ( )

للتدريب فقط

3 Choose from column (A) what suits it in column (B).

(A)		(B)
1. GPS	☐	a. take photographs.
2. Magnetometer is used to	☐	b. discover metal underground.
	☐	c. helps to find the location of the places you want to visit.

4 Read and correct the words between brackets.

1. (Drones) are used for finding an object underground. (....................)
2. GPR stands for Ground Penetrating (System). (....................)
3. (GPS) is used to search for metal under the ground. (....................)
4. Albert Lin is an (engineer). (....................)
5. (GPR) stands for Global Positioning System. (....................)

5 Complete the following sentences with the appropriate words between brackets.

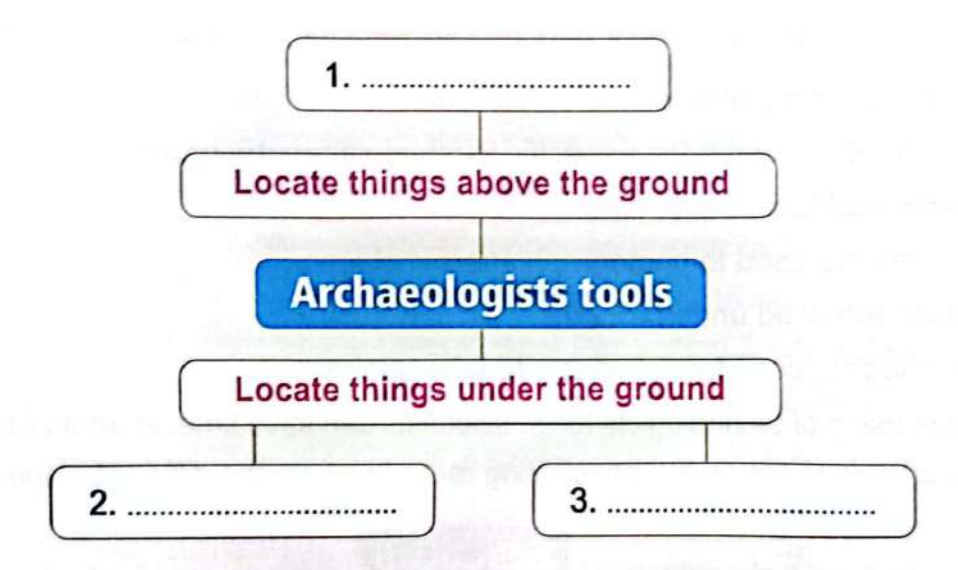
(GPS – Magnetometer – GPR – cost)

1. Technological tools save .... and effort.
2. .... and .... are from the archaeological underground tools.
3. .... is a way to find the location of something using satellites.

6 Read and complete.

Which tools help archaeologists locate things above the ground?
Which tools help archaeologists locate things below the ground?

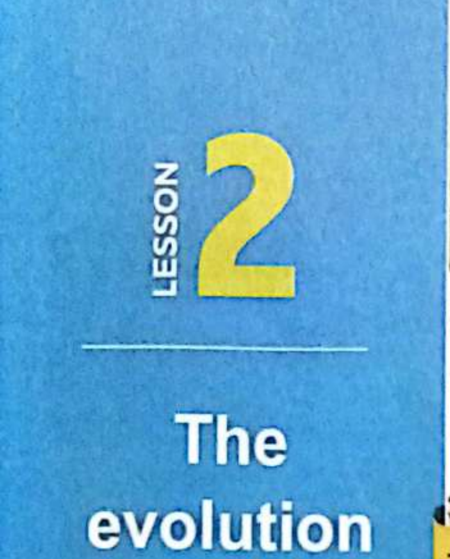
(GPS – Ground Penetrating Radar – Magnetometers)



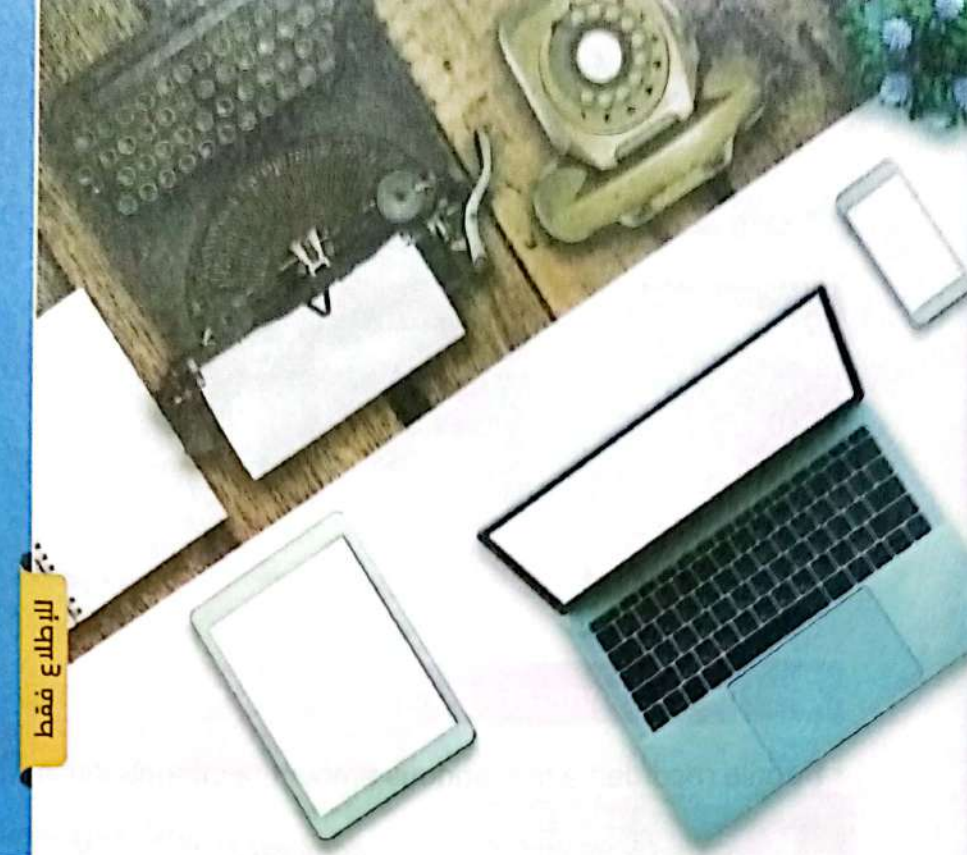
7 Read and circle the correct one.

My parents are archaeologists. They use (Magnetometer / GPS) to find metal under the ground. While they need to find objects buried underground they use (GPR / GPS).





The evolution of technology



Learn

Technology has certainly come a long way! لقد قطعت التكنولوجيا مرحلة كبيرة جدًا في التطور!

▶ We have four ages of technology. لدينا أربعة عصور من التكنولوجيا.

1 The Pre-Mechanical Age (3000 BCE – 1450 CE) عصر ما قبل الثورة الميكانيكية

- People started to communicate through pictures like hieroglyphics and later by words and numbers.
  بدأت الشعوب بالتواصل من خلال الصور والرسوم كما في الكتابات الهيروغليفية، ثم بواسطة الأحرف والأرقام في مرحلة لاحقة.



Hieroglyphics on papyrus

- People would record lots of information about agreements made.
  سجلت الشعوب من خلال تلك الكتابات الكثير من المعلومات حول الاتفاقات المبرمة.
- These documents are key to understand history.
  تشكل هذه الوثائق عنصرًا أساسيًا لفهم التاريخ.
- Many of them are now available online, such as on the Egyptian Knowledge Bank.
  إن الكثير في هذه الوثائق متوفرة على شبكة الإنترنت، و الآن تجدون كالتي توجد على موقع بنك المعرفة المصري



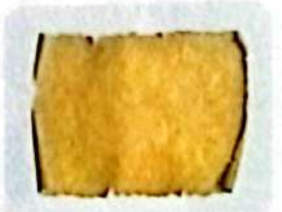
Egyptian Knowledge Bank
بنك المعرفة المصري

ages	عصور	communicate	يتواصل	hieroglyphics	اللغة الهيروغليفية
documents	وثائق	available	متاح	online	عبر الإنترنت
papyrus	البردي	history	تاريخ	record	يسجل

There are many inventions that appeared in this age.


pens and pencils
أقلام جاف و أقلام رصاص


paper
ورق


parchment
مخطوطات


abacus
العداد الرقمي القديم

2 The Mechanical Age (1450 - 1840) عصر الثورة الميكانيكية

- People recorded a tremendous amount of information in this age.

سجل الشعوب كمًا وافرًا جدًا من المعلومات في هذا العصر.

- One invention was a printing process which made it easier to make books and another was the Pascaline which was an early calculator.

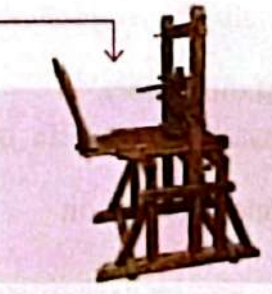
شهدت تلك الفترة نشأة تكنولوجيا الطباعة التي أسهمت في تسهيل عملية طباعة الكتب. كذلك، تميزت تلك الفترة ببدء استخدام آلة باسكالين، وهي النسخة الأولى من الآلة الحاسبة.

There are many inventions that appeared in this age.

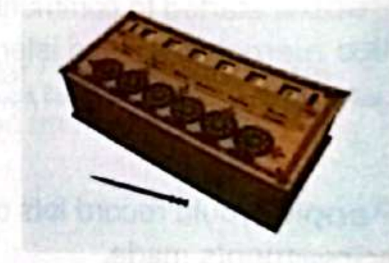
Printing process (making books)
عملية الطباعة




Typewriter
آلة كاتبة


Printing machine
ماكينة طباعة بدائية

The pascaline,
(an early calculator)



recorded	سجل	tremendous	هائل	desire	رغبة (دافع)



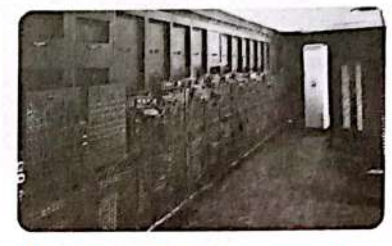


▸ **Choose the correct answer from a, b, c or d.**

1. People started to communicate through pictures like .... in the Pre-Mechanical Age.
   a. Arabic **b.** English **c.** hieroglyphics **d.** French
2. .... and parchment appeared in the Pre-Mechanical Age.
   a. Abacus **b.** Calculator **c.** Typewriter **d.** French
3. .... is an early calculator.
   a. Pen **b.** Pascaline **c.** Pencil **d.** Parchment

3 The Electro-Mechanical Age (1840- 1940) عصر الثورة الكهربائية - الميكانيكية

- It was the beginning of communication as we know it today. كانت بداية التواصل التى نعرفها الآن.
- During this age, electricity was first used. خلال هذا العصر تم استخدام الكهرباء لأول مرة.


An early digital computer

There are many inventions that appeared in this age.


telephone الهاتف


record player مشغل الإسطوانات


telephone lines
خطوط الهواتف


the first digital computer
أول جهاز كمبيوتر رقمي

- **The first digital computer** was 8 feet high, 50 feet long, 2 feet wide, and weighed 50 tons! كان أول كمبيوتر رقمي بارتفاع ٨ أقدام ، طوله ٥٠ قدم، عرضه ٢ قدم ووزنه ٥٠ طنًا !

high ارتفاع | wide عرض | beginning بداية

4 The Electronic Age (1940 - present) عصر الثورة الإلكترونية


A satellite

- The information explosion age. يعرف بعصر الثورة المعلوماتية.
- Inventions and improvements are happening, at a staggering pace. شهدت ظهور اختراعات وإنجازات بسرعة مذهلة.

There are many inventions that appeared in this age.

1. Inventions help us locate things. اختراعات تساعدنا على تحديد مواقع الأشياء.


satellites
أقمار صناعية


GPS
جهاز تحديد المواقع


online maps
خرائط عبر الإنترنت

2. There are instantly ways of communication using emails, instant messages and word processor.

يوجد طرق للتواصل بشكل فورى مستخدمًا وسائل البريد الإلكترونى والرسائل النصية ومعالج النصوص.


smartphone هاتف محمول


computer حاسب آلي


laptop حاسب آلى متنقل



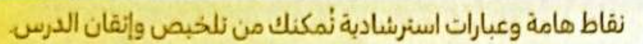
Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. The .... helps us to locate things.
   a. Telephone **b.** GPS **c.** Computer **d.** Drone
2. Record player appeared in the .... age.
   a. Electronic **b.** Electro-mechanical **c.** Pre-mechanical **d.** Mechanical

explosion	انفجار	inventions	اختراعات	staggering	مذهل
locate	تحديد	instantly	فوراً	instant message	رسالة فورية

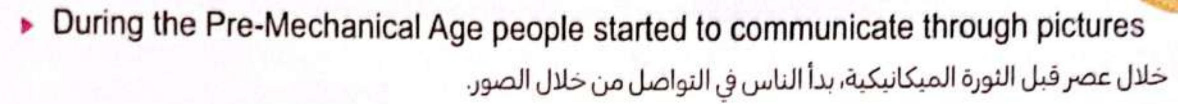
Stop here !







استمع الى ملخص الدرس



Lesson Summary

- During the Pre-Mechanical Age people started to communicate through pictures
  خلال عصر قبل الثورة الميكانيكية، بدأ الناس في التواصل من خلال الصور.
- People would record lots of information about agreements made through the Mechanical age. سجل الناس الكثير من المعلومات حول الاتفاقيات التي تمت خلال عصر الثورة الميكانيكية.
- The Electro-Mechanical Age was the beginning of communication as we know today.
  كان عصر الثورة الكهربائية الميكانيكية بداية التواصل التي نعرفها الآن.
- The Electronic Age is considered the information explosion age.
  يعتبر عصر الثورة الإلكترونية عصر انفجار المعلومات.

Dates	Ages of technology	Inventions
3000 BCE - 1450 CE	the Pre-Mechanical Age	pens, pencils, parchment, paper, abacus
1450-1840	the Mechanical Age	printing machine, calculator, typewriter
1840-1940	the Electro- Mechanical Age	telephone, telephone lines, record player the first digit computer.
1940 present	the Electronic Age	satellite, smart phone, online maps, word processor, GPS & laptop



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	exam items
The evolution of technology	hieroglyphics	People started to communicate through pictures like hieroglyphics.
	recorded-tremendous	People recorded a tremendous amount of information in the Mechanical Age.
	first - computer	The first digital computer was 8 feet high, 50 feet long, 2 feet wide, and weighed 50 tons!
	staggering	Inventions and improvements are happening, at a staggering pace.
	instant message	Computers and laptops help us to communicate instantly using emails and instant messages.
	explosion	There was a technology explosion in Electronic Age.
	pascaline	Pascaline machine is the first version of calculator.
	satellites-GPS	Satellites and GPS are important to locate things and communicate.
	laptop	The key advancement of the Electronic Age is the laptop.

General Exercises

On Lesson Two

يمكنك حل التدريب والتصويب إلكترونيا

ممتاز | جيد جدا | جيد | غير جيد

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. .... is used in the Electronic Age. [الاسكندرية-العجمي ٢٠٢٣]
   a. Drawing letters b. Email c. Pascaline d. paper
2. Telephone and telephone lines are invented in .... era. [الأزهر الشريف - الاسكندرية-المنتزه ٢٠٢٣]
   a. Electronic b. Mechanical
   c. Electro-mechanical d. Pre-Mechanical
3. 📖 The .... Age first invention was a printing process and pascaline. [الدقهلية-غرب المنصورة ٢٠٢٣]
   a. Pre-mechanical b. Electronic
   c. Mechanical d. Electro-mechanical
4. GPS and Satellites were invented during the .... Age. [القاهرة-الشروق ٢٠٢٣]
   a. Mechanical b. Pre-mechanical
   c. Electronic d. Electro-mechanical

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. The pascaline is an example of technology from the Pre-Mechanical Age. ( )
   [الشرقية-الشرقية ٢٠٢٣] [اسوان-ادفو ٢٠٢٣]
2. Satellites appeared in the era of the Mechanical Age. [الغربية-شرق المحلة ٢٠٢٣] ( )
3. Online maps helps us to locate things. [الأزهر الشريف - بني سويف - ببا ٢٠٢٣] ( )

2. El Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. During the .... Age, people recorded a tremendous amount of information.
   a. Pre-Mechanical b. Mechanical c. Electro-Mechanical d. Electronic
2. The .... Age was the beginning of communication as we know it today.
   a. Pre-Mechanical b. Mechanical c. Electro-Mechanical d. Electronic
3. The .... Age: This is considered the information explosion age.
   a. Electronic b. Mechanical
   c. Electro-Mechanical d. Pre-Mechanical
4. 📖 Pascaline is the first machine of ....
   a. printing b. writing c. calculating d. painting
5. Printing books appeared in the .... Age.
   a. Pre-mechanical b. Mechanical c. Electro-mechanical d. Electronic



6. Electricity was the first invented in .... Age.
   a. Pre-Mechanical
   b. Mechanical
   c. Electronic
   d. Electro-Mechanical
7. People would record lots of information about agreements made in this era .... through pictures.
   a. Pre-mechanical
   b. Mechanical
   c. Electro-Mechanical
   d. Electronic
8. Through the .... Age invention help people to communicate around the world using email and instant messages.
   a. Electronic
   b. Mechanical
   c. Electro-Mechanical
   d. Pre-Mechanical
9. The printing machine, typewriter and the calculator appeard first in the .... Age.
   a. Electronic
   b. Mechanical
   c. Electro-Mechanical
   d. Pre-Mechanical
10. The telephone, telephone lines and record player appeared in the .... Age.
   a. Electronic
   b. Mechanical
   c. Electro-Mechanical
   d. Pre-Mechanical

2 Put (✓) in front of the correct sentence and (×) in front the wrong one.

1. The first digital computer was produced in the Electronic Age. ( )
2. The first computer was as small the laptop. ( )
3. 🕮 Pascaline helps us locate things and communicate with people around the world. ( )
4. The ancient people communicated with each other via pictures and symbols. ( )
5. The Mechanical Age is known as "informational age". ( )
6. The Mechanical Age precedes (يسبق) the Pre-mechanical. ( )
7. Books appeared because of the invention of printing machines in the Electronic age. ( )

للتدريب فقط

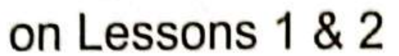
3 Complete the following sentences with the appropriate words in brackets.

(Pascaline - the Mechanical Age - laptops - calculators)

1. Pascaline machine is the first version of ....
2. The era of the Mechanical Age was characterized (تميزت) by ....
3. The era of the Electronic explosion was characterized by the existence of ....
4. The Pascaline machine was invented in ....









on Lessons 1 & 2

مراجعة عامة على الدرسين الأول والثانى فى ورقة واحدة

Lesson 1 : Explorer in Action

Albert Lin

- Albert Lin is an explorer and archaeologist.
- He uses different tools to explore archaeological sites without digging.
- He uses photographs from satellites and drones.
- He uses these tools to save time, cost and effort.

Lesson 2 : The evolution of technology

(3000 BCE – 1450CE) The Per-Mechanical Age

- People started to communicate through pictures.
- Many of them are now available online.
- There are many inventions appeared such as paper, abacus, pens, pencils and parchments.

(1450 – 1840) The Mechanical Age

- People recorded a tremendous amount of information.
- There was a technology explosion.
- There are many inventions appeared such as printing process that helped to make books, pascaline, typewriter and printing machine.

Accumulative Test



On Lessons 1 & 2

اختبار تراكمى على الدرس الأول والثانى

1 Choose the correct answer from a, b, c or d.

1. During the .... Age, people started to communicate through pictures.
   a. Pre-mechanical b. Mechanical c. Electro-mechanical d. Electronic
2. Pascaline appeared during the .... Age.
   a. Pre-mechanical b. Electronic
   c. Mechanical d. Electro-mechanical
3. Using technological tools helps archaeologists to explore ....
   a. new people b. archaeological sites
   c. satellites d. plants
4. The .... Age is known as information Age.
   a. Pre-mechanical b. Mechanical
   c. Electronic d. Electro-mechanical
5. .... is used to find the location using satellite.
   a. GPR b. GPS
   c. Drone d. None of them
6. .... measures a magnetic field to find metal underground.
   a. GPS b. Computer c. Magnetometer d. Drone
7. .... can discover objects underground.
   a. Satellite b. GPS c. Drone d. GPR

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Engineers relied on drones to locate the construction sites. ( )
2. GPR is used to search for a specific location above the ground. ( )
3. Archaeologists rely on two types of tools (above ground, under the ground). ( )
4. (GPR) stands for Global Positioning System. ( )
5. Printing processes appeared in the Mechanical Age. ( )
6. When you drive your car, you use GPR to know the location. ( )
7. Technological tools save your time and effort. ( )



يمكنك المراجعة باستمرار (تراكمية)
من خلال الصفحة السابقة.



Components of computer systems

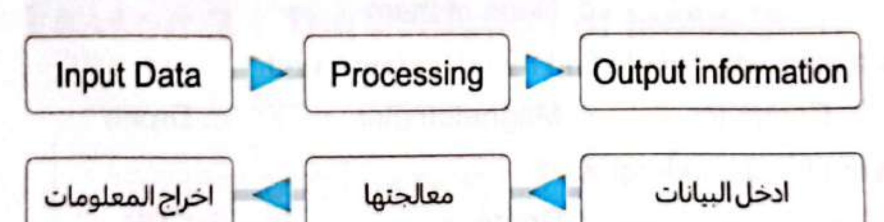


Learn



The Computer is an electronic device for processing data.

هو جهاز إلكترونى يعمل كمعالج للبيانات.



We can use the computer to :

1. store information and process it. تخزين المعلومات واسترجاعها
2. write documents. كتابة الوثائق
3. play games. لعب الألعاب
4. send emails. كتابة رسائل بريد إلكترونى
5. browse the internet تصفح الإنترنت
6. edit or create data tables. تحديد وإنشاء جداول بيانات
7. make presentations using PowerPoint®. عمل عروض تقديمية باستخدام برنامج (باوربوينت)
8. make and watch videos. عمل ومشاهدة الفيديوهات

device	جهاز	browse	تصفح	restore	استعادة	data	بيانات
store	تخزين	processing	معالجة	edit	تعديل	documents	وثائق



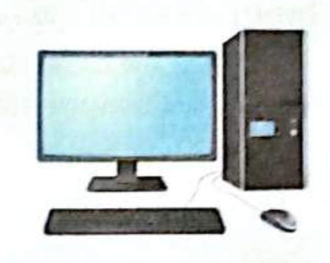
Types of computers



1. laptop
كمبيوتر محمول



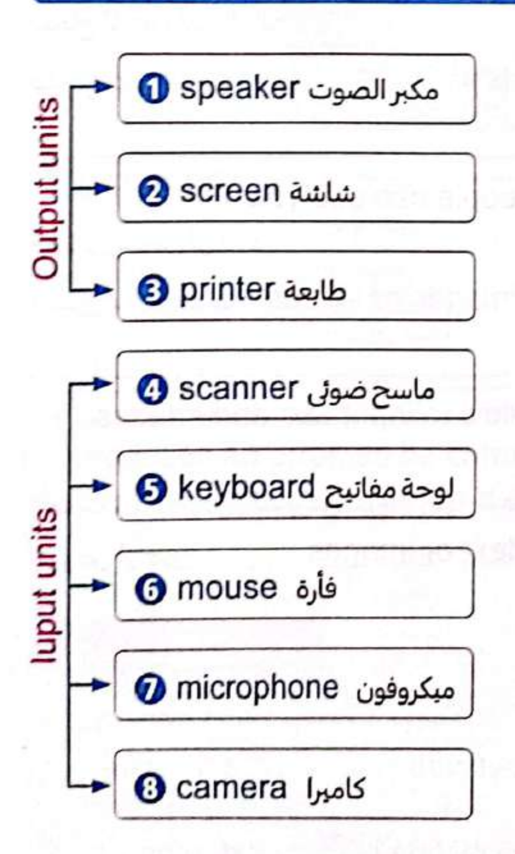
2. tablet
جهاز لوحى

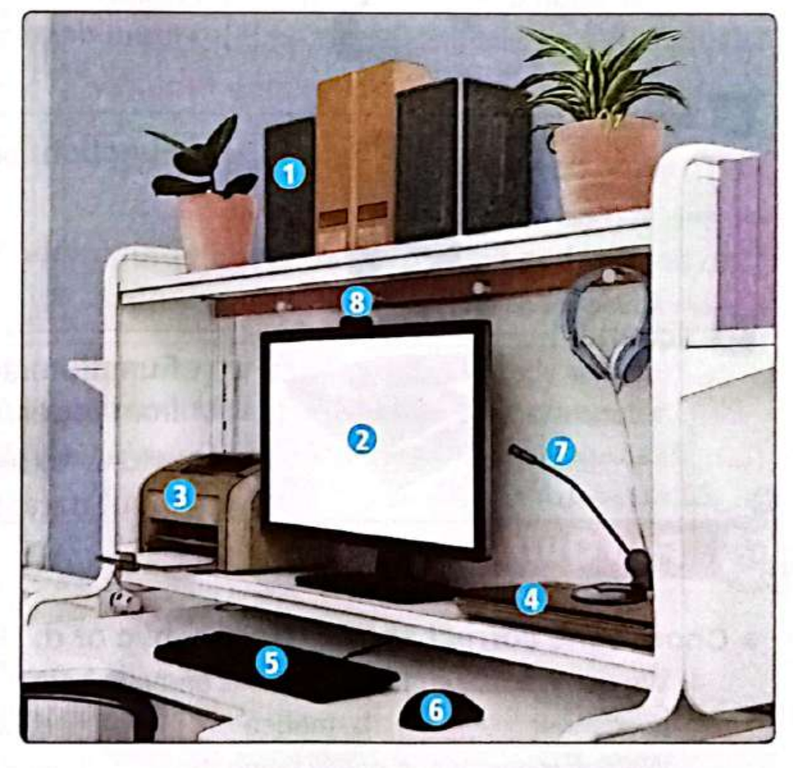


3. personal computer
كمبيوتر شخصى

- There are devices that are turned on and used via touch.
هناك أجهزة يتم تشغيلها واستخدامها عن طريق اللمس.
- The shape and the components differ according to the device model and its manufacturing date.
يختلف شكل الكمبيوتر ومكوناته حسب طراز الجهاز وتاريخ الإصدار.

Computer and its components
جهاز الكمبيوتر ومكوناته





components	مكونات	touch	لمس	shape	شكل
model	طراز	manufacturing date	تاريخ الإصدار		

We divide computer hardware into input and output devices.

نقسم أجهزة الكمبيوتر إلى أجهزة إدخال وإخراج.

A Input devices أجهزة الإدخال

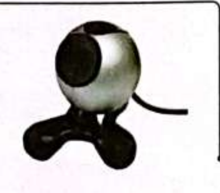
Component المكون	Function and type of input data الوظيفة ونوع البيانات المدخلة
1 keyboard	- **Function:** type on and tell the computer what to do - كتابة وإخبار الكمبيوتر بما يجب القيام به - **Input data:** letters and numbers - الحروف والأرقام
2 mouse / touchscreen	- **Function:** move things easily with mouse - نقل الأشياء بسهولة من خلال الفأرة - Allow interaction with, and selection of, information - اتاحة التفاعل مع المعلومات واختيار من على الشاشة - **Indput data:** direction of data and select - اتجاه بيانات
3 microphone	- **Function:** allow people to input sound and music سماح للناس لإدخال الصوت والموسيقى - **Input data:** audio مقاطع صوتيه
4 camera	- **Function:** people can see you - يمكن للناس أن تراك - **Input data:** images or videos - صور أو فيديوهات
5 scanner	- **Function:** allow to input text and images from paper اتاحة ادخال النصوص والصور من الورق إلى جهاز الكمبيوتر وصور من الورق - **Input data:** text or images نصوص أو صور

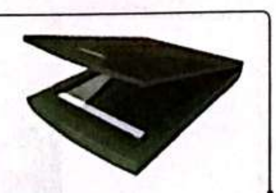












Pop Quiz (05 min)

▶ **Choose the correct answer from a, b, c or d.**

1. We use a .... to write letters and numbers.
   a. scanner **b.** mouse **c.** keyboard **d.** camera
2. We can move things easily using the ....
   a. mouse **b.** camera **c.** microphone **d.** scanner

type كتابة	Function وظيفة	images صور	move يتحرك	output اخراج
hear يسمع	tell يخبر	input ادخال	text نص	



B Output devices أجهزة الإخراج

Component	Function and type of output data
1 screen	- **Function:** shows us what we and the computer are doing. نوضح لنا ما نقوم به نحن والكمبيوتر - **Output data:** text, images and video معلومات بصرية : نصوص وملفات الفيديو وصور
2 speaker  	- **Function:** allow hear others السماح لسماع الآخرين - **Output data:** audio معلومات سمعية
3 Braille terminal 	- **Function:** text in Braille for blind people to allow them use computer نص مكتوب بحسب نظام برايل الطرق للمكفوفين ليسمح لهما استخدام الكمبيوتر. - convert letters into prominent symbols يحول الحروف إلى رموز بارزة - **Output data:** prominent symbols الرموز البارزة
4 speech synthesizer 	- **Function:** convert text to speech يحول النصوص إلى أصوات - Allow none - verbal people to speech السماح للأشخاص غير القادرين على الكلام. - **Output data:** audio معلومات سمعية
5 printer 	- **Output data:** text and images on paper نص وصور على الورق - **Function:** allow output text and images on paper تتيح اخراج النصوص والصور من جهاز الكمبيوتر إلى الورق

- Users can connect devices in the wrong way or use them incorrectly which produces an error, so be careful when connecting devices to your computer.
يمكن للمستخدمين توصيل الأجهزة بطريقة خاطئة أو استخدامها بشكل غير صحيح ، الذى ينتج عنه خطأ ، لذا كن حريصًا عند توصيل الأجهزة بالكمبيوتر.



Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. We use a .... to hear other people.
   a. screen **b.** speaker **c.** printer **d.** mouse
2. The .... shows us what we and the computer are doing.
   a. Braille terminal **b.** speech synthesizer **c.** screen **d.** keyboard

show	يظهر / يبين	symbols prominent	رموز فبارز	information	معلومات	speech synthesizer		audio	صوتى
blind	كفيف	wrong/error	خطأ	produce	ينتج		مركب الكلام	Braille	طريقة برايل

Stop here !





استمع إلى
ملخص الدرس

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.



Lesson Summary

- The computer is an electronic device for storing and processing data.
  الكمبيوتر هو جهاز إلكتروني لتخزين و لمعالجة البيانات.
- The shape and components of computer differ according to the device model and its manufacturing data. يختلف شكل الكمبيوتر ومكوناته حسب موديل الجهاز وبيانات التصنيع الخاصة به.
- We can use a computer to write documents, send emails and make presentations. يمكننا استخدام الكمبيوتر لكتابة الوثائق، رسائل البريد الالكترونى والعروض التقديمية.
- We divide computer hardware into input and output devices.
  نقسم الكمبيوتر إلى أجهزة إدخال وإخراج.
- We use a keyboard to type. نستخدم لوحة المفاتيح للكتابة.
- The speakers allow us to hear other people. تمكننا السماعات من سماع الآخرين.
- The scanner allows to input text and images from paper.
  يتيح الماسح الضوئى ادخال النصوص والصور من الورق إلى جهاز الكمبيوتر وصور من الورق.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Components of computer system	send – emails	We can use a computer to send emails.
	shape – differ – manufacturing	The Computer can store information, restore it and process it.
	keyboard – type	We can use a keyboard to type on computers.
	microphone – input	We can use microphone input sound.
	Braille terminal – blind	We can use Braille terminal to write a text in Braille for blind people.

General Exercises

On Lesson Three



ممتاز ● جيد جداً ● جيد ● غير جيد ●

▸ If you got ● you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على ● (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. The................ is a way that converts letters into prominent symbols that can be read by touching. (بنى سويف - الواسطى ٢٠٢٣)
   a. Internet b. Speech synthesizer
   c. Braille terminal d. Speakers
2. The .... allows us to output the text and images on paper. (الازهر الشريف - البحيرة - التحرير ٢٠٢٤)
   a. printer b. scanner c. speaker d. screen
3. 📖 One of the devices that you need to type on the computer is the .... (البحيرة - الدلنجات ٢٠٢٣)
   a. keyboard b. microphone c. speakers d. camera
4. The computer is used for .... (الازهر الشريف - القاهرة ٢٠٢٤)
   a. writing documents b. sending e-mail
   c. creating data tables d. all of them
5. 📖 You can move things easily with the .... (الجيزة - أوسيم ٢٠٢٣)
   a. synthesizer b. mouse c. microphone d. speakers
6. All of the following are input units except the .... (الاسكندرية - العجمي ٢٠٢٤)
   a. mouse b. keyboard c. screen d. camera

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. A computer is a machine processing data into valuable information. It also has the ability to store and retrieve them. (بنى سويف - الواسطى ٢٠٢٣) ( )
2. The scanner is used to print images from your computer on paper. (الإسماعيلية - ابو صوير ٢٠٢٤) (الجيزة - أبو النمرس ٢٠٢٣) ( )
3. 📖 Braille terminal transforms letters into prominent symbols that can be read by touching. (الجيزة - أبو النمرس ٢٠٢٣) ( )
4. The screen is an output device. (أسيوط - البدارى ٢٠٢٤) ( )

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. If you want to write on the computer, you need a ....
   a. keyboard b. screen c. printer d. camera

2. The computer .... shows what you and the computers are doing.

   a. screen   b. keyboard   c. scanner   d. none of them

3. 🕮 The device which is used in typing text with Braille for blind people is the ....

   a. braille terminal   b. keyboard   c. screen reader   d. mouse

4. To listen to music, we need ....

   a. a mouse   b. speakers   c. a screen   d. a printer

5. You can use the computer to ....

   a. play games   b. browse internet   c. both of them   d. none of them

6. 🕮 A .... is used to print the text and images on paper.

   a. speaker   b. screen   c. printer   d. mouse

7. The .... allows to interact with and select of information.

   a. Mouse   b. Keyboard   c. Screen   d. Printer

8. The .... displays visual data: texts, images and videos.

   a. Mouse   b. Keyboard   c. Screen   d. Printer

9. The .... allows to input of images and videos.

   a. Mouse   b. Keyboard   c. Camera   d. Printer

10. The .... allows to input a text.

    a. Screen   b. Mouse   c. Printer   d. Keyboard

11. The .... allows to input a text and images from paper .

    a. Scanner   b. Mouse   c. Printer   d. Keyboard

12. The .... is a device that outputs a text and images on paper.

    a. Screen   b. Mouse   c. Printer   d. Keyboard

13. The .... is a device that inputs audio.

    a. Mouse   b. Keyboard   c. Microphone   d. Printer

14. The .... is a device that outputs audio.

    a. Microphone   b. Mouse   c. Keyboard   d. Speaker

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. The shape of the computer differs according to the device model and the manufacturing date. ( )
2. 🕮 A laptop is like a personal computer in all components. ( )
3. We use microphones in chat programs to input the sound. ( )
4. Speakers are output units. ( )



للتدريب فقط

3 Complete the following statements with appropriate words in brackets.

(mouse – microphone – screen – computer – keyboard – scanner)

1. The .... enables you to write letters and numbers.
2. The .... enables you to enter sounds into computer.
3. 📖 The .... is an electronic device that receives data and process it into information.
4. The .... displays photos and videos.
5. You can move things easily with ....
6. The .... allows to input a text and images from paper.

4 Match.

(A)	(B)
1. It's used to input sounds.	☐ **a.** scanner
2. It is used to input texts and images from paper into the computer.	☐ **b.** keyboard
3. It enables us to write letters and numbers.	☐ **c.** microphone

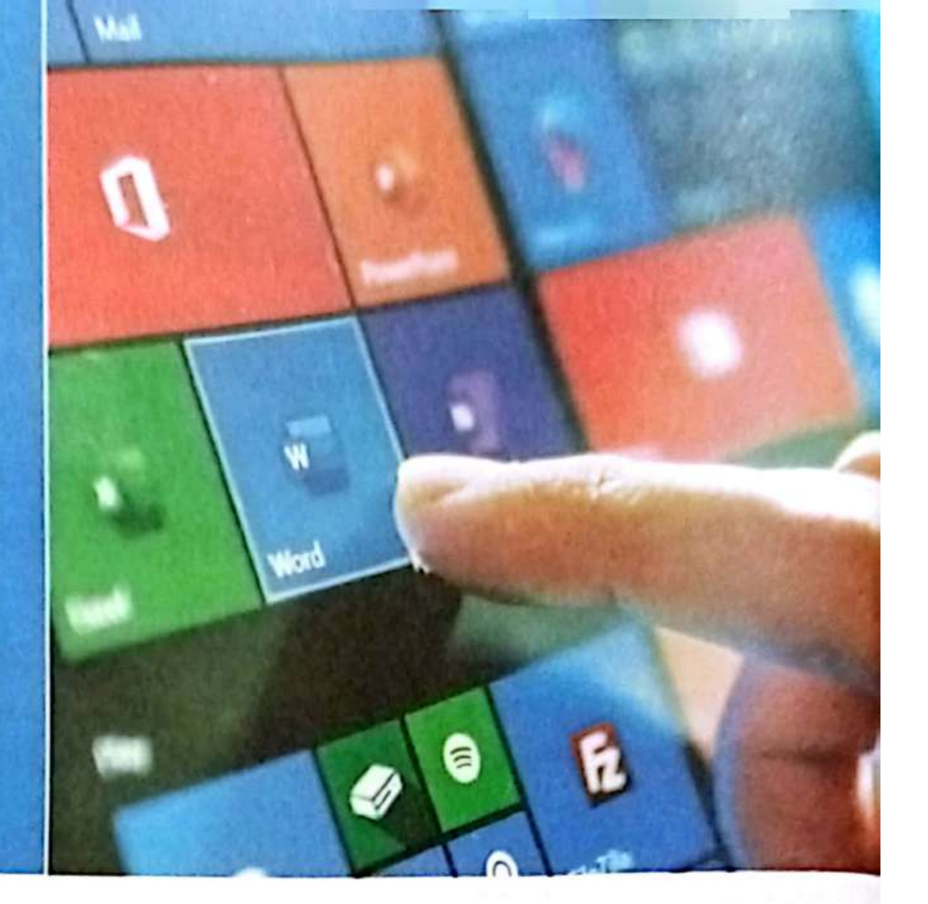
5 Read and write the device.

1. We use it to type and to tell the computer what to do. (......................)
2. It's used to print images from your computer on paper. (......................)
3. We use them to hear others. (......................)
4. We can use it to write a text in Braille for blind people. (......................)
5. It shows us what we are doing on the computer. (......................)
6. It allows people to see you. (......................)





Software and operating systems



Learn

We use our devices to play games, write notes, and go on the internet.

نستخدم أجهزتنا للعب الألعاب، كتابة الملاحظات وتصفح الإنترنت.

How do our devices work ?

كيف تعمل اجهزتنا ؟

The Central Processing Unit (CPU) وحدة المعالجة المركزية



- The CPU is a type of hardware.

  وحدة المعالجة المركزية هى واحدة من المكونات المادية للحاسب الآلى.

- It controls what and how data is processed.

  تتحكم فى نوع وكيفية معالجة البيانات.

- It processes data and converts it to useful information.

  تقوم بمعالجة البيانات وتحويلها إلى معلومات مفيدة.

Computer components مكونات الكمبيوتر

Hardware	Software	
	Operating systems	Application
CPU keyboard screen	Windows® Android	gaming apps PowerPoint® Microsoft Word® Google Chrome™ browser

type	نوع	operating systems	انظمة تشغيل	control	يتحكم	applications	تطبيقات
useful	مفيد	processed	معالجة	convert	تحويل	components	مكونات



Operating system نظام التشغيل



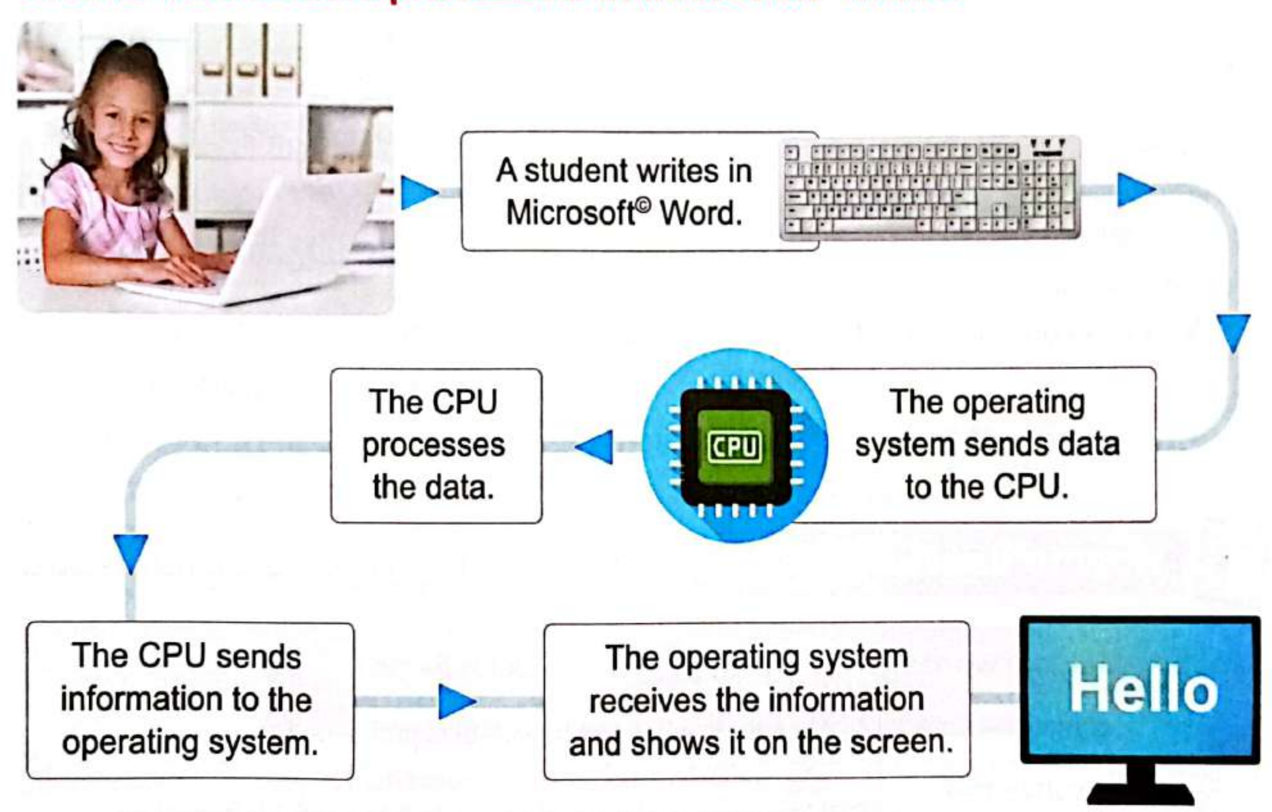
- It enables us to use our computer.

يمكننا من استخدام الكمبيوتر.

- Windows and Android are the most famous operating system.

يعتبر ويندوز واندرويد من أشهر نظم التشغيل.

The diagram below shows how data is processed in Microsoft© Word.





Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. The .... is a type of hardware.
   a. GPR **b.** GPS **c.** CPU **d.** windows
2. The operating system shows the information on the ....
   a. screen **b.** mouse **c.** scanner **d.** books

receive	يستقبل	enable	يُمكن	famous	مشهور
diagram	رسم بياني	show	يبين	operating system	نظام التشغيل

Stop here !





استمع الى ملخص الدرس

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

Lesson Summary

- We can use our computer devices to play games write notes and go on the internet.
  نستخدم أجهزة الكمبيوتر للعب الألعاب, كتابة الملاحظات وتصفح الانترنت.
- The CPU is a type of hardware. وحدة المعالجة المركزية هى نوع من المكونات المادية للحاسب الآلى.
- The CPU controls what and how data is processed.
  وحدة المعالجة المركزية تتحكم فى نوع وكيفية معالجة البيانات.
- The operating system enables us to use our computers.
  نظام التشغيل يمكننا من استخدام اجهزة الكمبيوتر.
- Windows and Android are the most famous operating system.
  يعتبر الويندوز والاندرويد من أشهر أنظمة التشغيل.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Software and operating systems	controls – data	CPU controls what and how data is processed.
	converts – information	CPU processes data and converts it to useful information.
	enables – use	Operating system enables us to use our computers.
	famous – system	Windows and Android are the most famous operating system.
	sends – CPU	The operating system sends data to the CPU.

General Exercises

On Lesson Four



▸ If you got 🔴 you need to revise the lesson again.

🔵 ممتاز 🟢 جيد جدا 🟡 جيد 🔴 غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. .... is considered from the hardware components of computer. (الإسكندرية - المنتزه ٢٠٢٣)

   a. PowerPoint b. Browser c. CPU d. Microsoft Word®

2. Microsoft Word®, is a type of .... (الازهر الشريف - الدقهلية ٢٠٢٤)

   a. information b. hardware c. software d. games

3. "................" controls what and how data is processed.

   a. Android b. Software c. Screen d. CPU

4. 📖 One of the devices that word processing software needs to write on your computer is the .... (الدقهلية - منية النصر ٢٠٢٣)

   a. keyboard b. printer c. speaker d. hardware

5. Windows is one of the most popular .... (القاهرة - المعصرة ٢٠٢٤)

   a. applications b. operating systems
   c. program languages d. hardware

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. CPU is a type of software. (الدقهلية - ميت غمر ٢٠٢٣) / (المنيا - ملوى ٢٠٢٤) ( )
2. The operating system is necessary to run the computer. (الشرقية - ههيا ٢٠٢٣) ( )
3. 📖 The CPU processes and sends information to the operating system. (الازهر الشريف - البحيرة - إيتاى البارود ٢٠٢٤) ( )

2. El Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. .... program is used for writing reports.

   a. Paint b. Microsoft Word c. Powerpoint d. Android

2. The CPU is one of the computer ....

   a. software b. operating systems c. hardware d. Powerpoint

3. 📖 The operating system receives the information from CPU and shows it on the ....

   a. keyboard b. screen c. mouse d. scanner

4. Microsoft Word is a type of computer ....

   a. software b. operating system c. hardware d. RAM

5. .... is considered of the computer hardware component.

   a. CPU b. Windows c. Excel d. Word

6. .... is considered as a the computer software component.
   a. Windows b. Word c. Powerpoint d. All of them
7. .... controls what and how data is processed.
   a. Keyboard b. CPU c. Windows d. Word
8. .... enables us to use our computer.
   a. Keyboard b. CPU c. Windows d. Word

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Windows is one of the most famous computer operating systems. ( )
2. CPU is used to process information and convert it into data. ( )
3. 🕮 The screen and the mouse are types of computer programs (software). ( )

للتدريب فقط

3 Complete the following sentences with appropriate words in brackets.

(operating system – software – CPU)

1. .... is used to process data.
2. Microsoft Word is a type of .... but CPU is a type of hardware.

4 Match.

(A)

1. Windows is a famous
2. The operating system sends data to
3. The operating system receives the information

(B)

a. the CPU.
b. and shows it on the screen.
c. operating system.

5 🕮 Look and sort.

- **Write the following words in the correct column.**

(CPU - Android - Google Chrome - Keyboard - PowerPoint - Windows)

Hardware	Operating system	Application software
....	....	....
....	....	....

6 Read and write the name of the app.

1. It's a type of hardware that processes the data. (......................)
2. It receives the information and shows it on the screen. (......................)
3. They're the most famous operating systems. (......................)
4. It's a type of computer hardware. (......................)

قم بتلوين الدائرة باللون المناسب لمستواك.



on Lessons 3 & 4



مراجعة عامة على الدرسين الثالث و الرابع فى ورقة واحدة

Lesson 3 : Components of computer systems

Computer and its components input and output devices

1 Keyboard
- to type on the computer
- to tell the computer what to do

2 Speaker
- to hear others

3 Printer
- to print a text and images on paper

4 Mouse
- to move things easily
- directional data

5 Camera
- for people to see you

6 Microphone
- to input sound

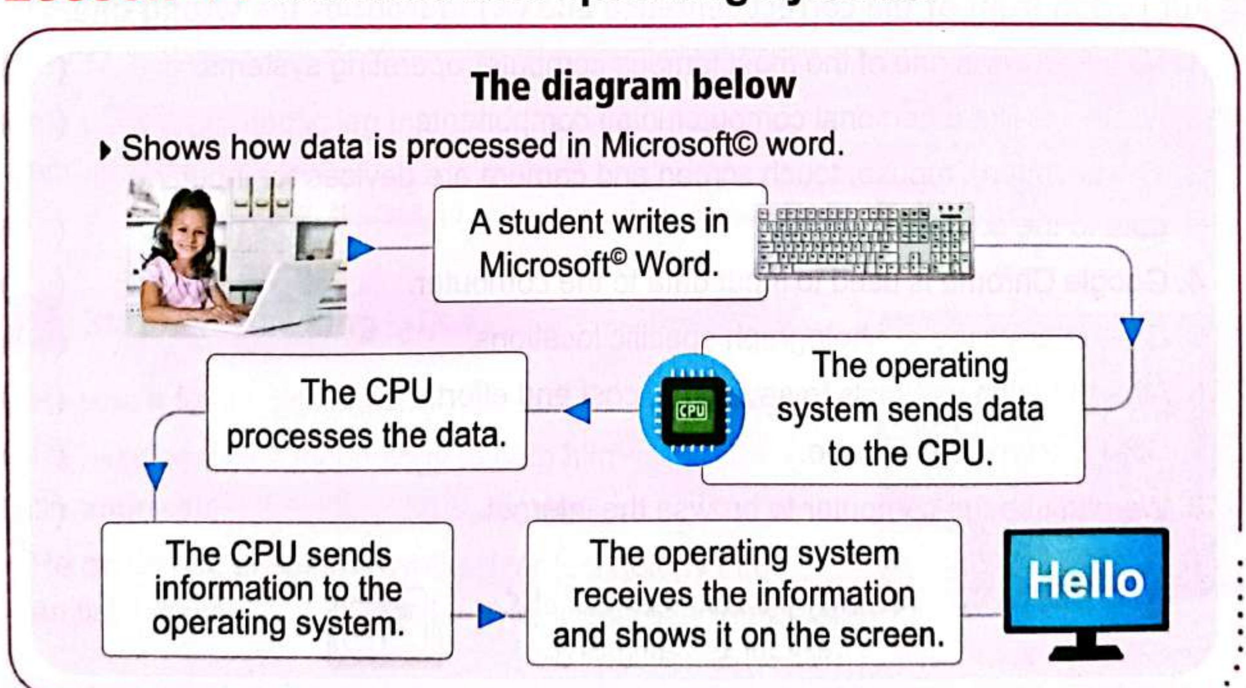
7 Screen
- shows as what we and the computer are doing.

8 Scanner
- to input a text and images from paper.

Lesson 4 : Software and operating systems

The diagram below

- Shows how data is processed in Microsoft© word.



Accumulative Test



اختبار تراكمى من الدرس الأول للدرس الرابع

1 Choose the correct answer from a, b, c or d.

1. If you want to write on the computer, you need a ....
   a. keyboard   b. mouse   c. printer   d. screen
2. .... is used by blind people to read.
   a. Braille terminal   b. Keyboard   c. Screen reader   d. Camera
3. You can use the computer to ....
   a. play games   b. store files
   c. browse the internet   d. all of them
4. .... is used to print a text and images from paper.
   a. RAM   b. The Operating System
   c. The keyboard   d. scanner
5. .... used to print a text and images on paper.
   a. Printer   b. Keyboard   c. Camera   d. Screen
6. .... is a hardware unit that help to input letters and numbers.
   a. Scanner   b. GPS   c. Keyboard   d. Google
7. .... can discover objects buried underground.
   a. GPS   b. RAM   c. GPR   d. Drone

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

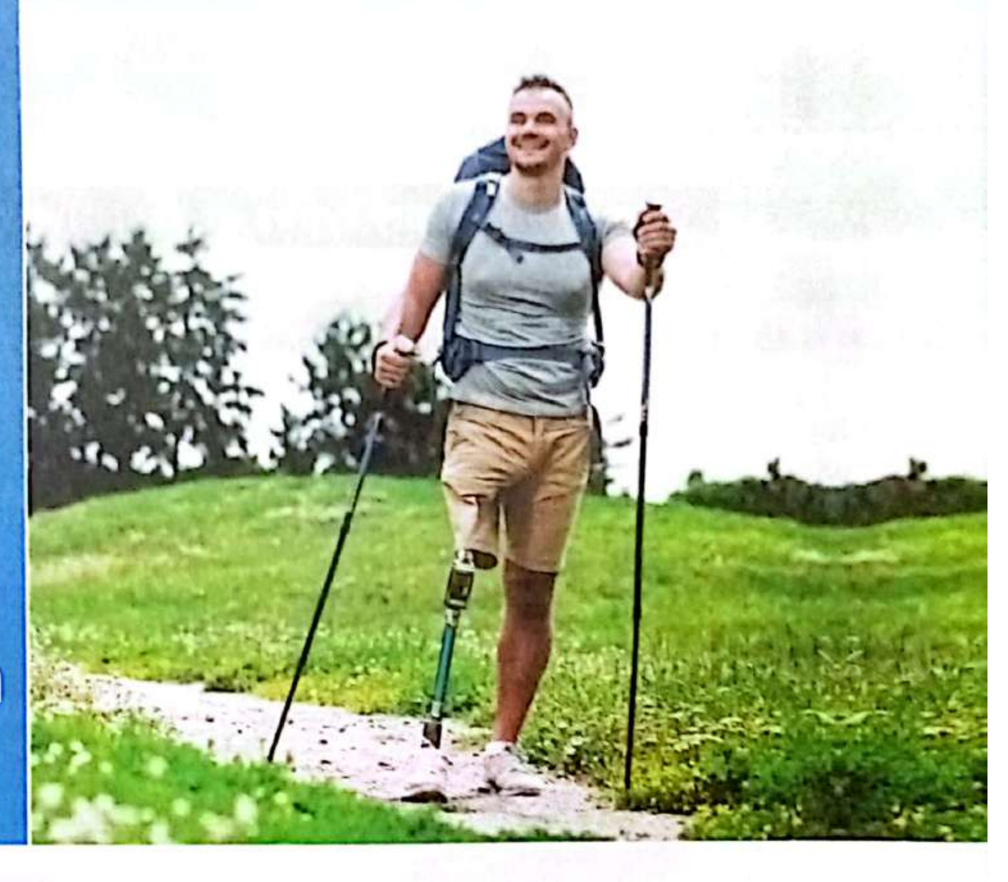
1. Windows is one of the most famous computer operating systems. ( )
2. A tablet is like a personal computer in all components. ( )
3. The keyboard, mouse, touch screen and camera are devices for inputting data to the computer. ( )
4. Google Chrome is used to input data to the computer. ( )
5. Drones are used to photograph specific locations. ( )
6. Albert Lin can use tools to save time, cost and effort. ( )
7. CPU is a type of software. ( )
8. We can use the computer to browse the internet. ( )



يمكنك المراجعة باستمرار (تراكمية) من خلال الصفحة السابقة.

LESSON 5

Supporting people of determination



Learn

Assistive Technology. التكنولوجيا المساعدة.

- It's a special kind of technology that helps people of determination with tasks that they find difficult. نوع خاص من التكنولوجيا يساعد أصحاب الهمم على أداء المهام التى قد يجدونها صعبة.

1 Albert Lin ألبـرت لـين



- He has a limb difference, but he doesn't let that stop him from exploring many places around the world.
لديه قطع فى أحد أطرافه ولكن هذا لم يمنعه من اكتشاف الكثير من الأماكن في العالم.
- He uses a prosthetic leg that enables him to move and explore new places.
يستخدم ساقاً صناعية تمكنه من التحرك واستكشاف أماكن جديدة.

2 Stephen Hawking ستيفن هوكينج



- He was a famous scientist. هو عالم مشهور.
- He used assistive technology to help him communicate. استخدم تقنية مساعدة تمكنه من التواصل.
- He made use of speech synthesizer technology into artificial voice. استخدم تقنية تحويل النص الكتابى الى نص صوتي.

limb	طرف	tasks	مهام	communicate	يتواصل
prosthetic	طرف صناعى	determination	اصحاب الهمم	scientist	عالم

There are many types of assistive technology

1 Screen magnification software برمجيات تكبير الشاشة



- It enlarges everything on computer screen from words to images.
  يقوم بتكبير كل شيء على شاشة الكمبيوتر بداية من الكلمات حتى الصور.
- It allows these with poor vision to interact with computer. يسمح لذوي الرؤية الضعيفة بالتعامل مع الكمبيوتر.

2 Hearing aids سماعات الأذن الطبية



- Hearing aids help people who have trouble hearing.
  تساعد سماعات الأذن الطبية الأشخاص الذين يعانون من مشاكل في السمع.
- Models can now be connected to a person's mobile devices. يمكن الآن توصيل النماذج بجوال الشخص.
- Users can adjust their hearing aids using their phones.
  يمكن للمستخدمين ضبط السماعات الطبية باستخدام هواتفهم.

3 Alternate communication software برمجيات التواصل البديلة



- This software helps people with speech and language disabilities communicate with others.
  تساعد برامج الاتصال البديلة الأشخاص الذين يعانون من صعوبة في النطق واللغة على التواصل مع الأخرين.
- Some computer programs can turn text to speech and speech to text.
  يمكن لبعض برامج الكمبيوتر أن تحول الخطاب السماعى إلى نص والنص إلى خطاب سماعى.

enlarge	تكبير	poor	ضعيف	vision	رؤية
interact	يتفاعل	trouble	مشكلة	adjust	يُعدِّل / يضبط
alternate	بديل	speech	خطاب سماعى	disabilities	إعاقات



4 Sporting tools الأدوات الرياضية



- Paraclimbing tools allow climbers with limb difference to climb mountains.

أدوات التسلق لذوى الهمم تسمح للذين فقدوا أحد أطرافهم بتسلق الجبال.

- They help with ordinary and extraordinary activities :

تساعد هذه الأدوات في الأنشطة العادية والغير عادية.

For example

1. A football that makes noise.

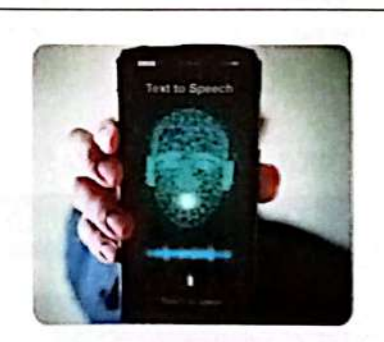
١. كرة قدم التى تصدر صوتًا.

2. A handbike with three wheels and is powered by hand.

٢. دراجة يدوية بثلاث عجلات وتعمل باليد.

3. Running blades. ٣. شفرات الجرى.

5 Speech synthesizer آلة النطق



- It changes the words into an artificial voice so people can hear what I want to say.

تغير الكلمات إلى صوت اصطناعى حتى يستطيع الناس سماع ما أريد أن أقول.

6 Prosthetic devices أجهزة الأطراف الصناعية



- They help people who have lost their limbs to move.

تساعد الأشخاص الذين فقدوا أطرافهم على الحركة.

paraclimbing	تسلق بالمظلات	mountain	جبل	ordinary	عادى
extraordinary	غير عادى	noise	ضوضاء	wheels	عجلات
change	تغيير	artificial	صناعى	voice	صوت

Stop here !





استمع إلى ملخص الدرس

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

Lesson Summary

- Assistive Technology is a special kind of technology that helps people of determination. التكنولوجيا المساعدة هي نوع خاص من التكنولوجيا لمساعدة أصحاب الهمم.
- Albert Lin has a limb difference. ألبرت لين لديه طرف صناعي.
- Stephen Hawking is a scientist who uses speech synthesizer to communicate. ستيفن هوكينج هو عالم قام بإستخدام آلة النطق ليتمكن من التواصل.
- Hearing aids help people who have trouble hearing. تساعد سماعات الأذن الطبية الأشخاص الذين يعانون من مشاكل في السمع.
- Prosthetic devices help people who have lost their limbs to move. أجهزة الأطراف الصناعية تساعد الأشخاص الذين فقدوا أطرافهم على الحركة.
- Speech Synthesizer changes the words into an artificial voice and vice versa. آلة النطق تغير الكلمات المكتوبة إلى صوت اصطناعي منطوق والعكس.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Supporting people of determination	prosthetic leg – move	Albert Lin uses a prosthetic leg that enables him to move and explore places.
	assistive – communicate	Stephen Hawking used speech synthesizer to help him communicate.
	poor vision – interact	Screen magnification software allows people with poor vision to interact with computers.
	aids – trouble	Hearing aids help people who have trouble hearing.
	programs – speech	Some computer programs can turn text to speech and speech to text.

General Exercises

On Lesson Five



يمكنك حل التدريب و تصويبه الكترونيا

ممتاز · جيد جدا · جيد · غير جيد

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. Technology that helps people of determination to carry out their daily tasks easily is called .... [الفيوم - اطسا ٢٠٢٤]
   a. magnetometer b. assistive technology
   c. operating system d. software

2. Alternative communication software helps people with .... and language disabilities. [الأزهر الشريف - البحيرة - إيتاي البارود ٢٠٢٣]
   a. speech b. movement c. seeing d. hearing

3. 📖 A .... helps people of a missing limb to practice their daily life. [الإسماعيلية - التل الكبير ٢٠٢٤]
   a. prosthetic leg b. keyboard c. camera d. Hearing aid

4. .... help people who suffer from hearing problems. [الجيزة - الدقي ٢٠٢٤]
   a. Hearing aids b. Operating system c. GPS d. Handbikes

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Albert Lin uses a prosthetic leg that enables him to talk and communicate. ( ) [الأزهر الشريف - الشرقية ٢٠٢٤]
2. Hearing aids are prosthetic devices for people with hearing disabilities. [بني سويف - ببا ٢٠٢٣] ( )
3. 📖 Screen magnification software is an assistive technology. [الدقهلية - طلخا ٢٠٢٤] ( )
4. Assistive technology is a technology that helps people of determination. [الجيزة - الهرم ٢٠٢٤] ( )

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. .... software enlarges everything on a computer.
   a. Hearing aids b. Screen magnification
   c. Sport tool d. Running blades

2. Albert Lin has a limb difference, so he uses ....
   a. a prosthetic leg b. hearing aids
   c. none of them d. both of them

3. 📖 .... helps people with speech and language disabilities communicate with others.

   a. Sporting tool
   b. Hearing aid
   c. Alternate communication software
   d. Prosthetic leg

4. Stephen Hawking was a famous scientist who used assistive technology to help him to .... with others.

   a. communicate
   b. play
   c. eat
   d. need

5. .... help people who suffer from hearing problems to hear well.

   a. Hearing aids
   b. Paraclimbing tools
   c. Prosthetic legs
   d. Running blades

6. People who have visual impairment use .... to magnify everything on a computer screen.

   a. prosthetic leg
   b. screen magnification
   c. hearing aids
   d. Running blades

7. A .... has 3 wheels and is powered by hand.

   a. prosthetic leg
   b. football
   c. handbike
   d. Running blade

8. .... allow climbers with limb difference to climb mountains.

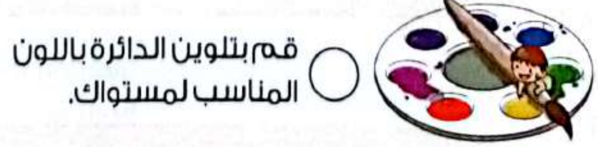
   a. Prosthetic legs
   b. Hearing aids
   c. Handbikes
   d. Paraclimbing tools

9. .... changes words to artificial voice, so people can hear what a speech disabilities people want to say.

   a. Speech synthesizer
   b. Handbikes
   c. Running blades
   d. Prosthetic leg

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Hearing aids can enlarge everything on a computer. (   )
2. Paraclimbing tools allow climbers with limb difference to climb mountains. (   )
3. 📖 Stephen Hawking was a famous archaeologist. (   )
4. Albert Lin has a limb difference, but he explored places around the world. (   )
5. Some computer programs can turn text to speech and speech to text. (   )

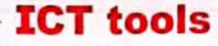


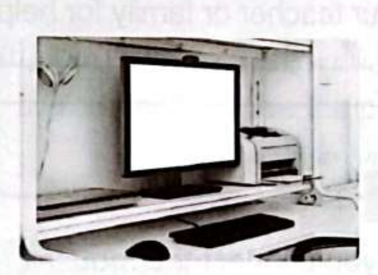


Common ICT problems and solutions



Learn





computer
حاسب آلى



tablet
كمبيوتر لوحى

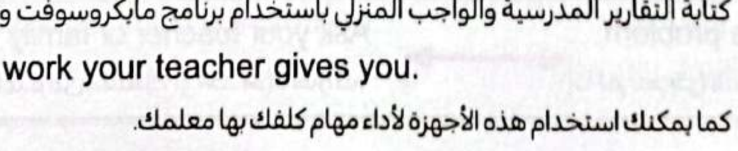


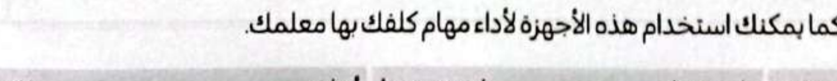
laptop
حاسوب محمول

The importance of ICT tools أهمية أدوات تكنولوجيا المعلومات والاتصالات.



1. They help you do a lot of tasks. يساعدك على القيام بالكثير من المهام.
2. You can use these devices to play games.
   كما يمكنك استخدام هذه الأجهزة للعب عليها.
3. Research of information online. البحث عن المعلومات عبر الانترنت.
4. Writing school reports and homework using Microsoft Word.
   كتابة التقارير المدرسية والواجب المنزلي باستخدام برنامج مايكروسوفت ورد.
5. Doing work your teacher gives you.
   كما يمكنك استخدام هذه الأجهزة لأداء مهام كلفك بها معلمك.





tools	أدوات	homework	واجب منزلي	online	عبر الإنترنت
report	تقرير	research	بحث		

Some technological problems and solutions

بعض المشاكل التكنولوجية وحلولها.

Problem 1

An app won't open.

عدم التمكن من فتح تطبيق ما



Solution

Restart your computer and try again.

إعادة تشغيل الكمبيوتر والمحاولة مرة أخرى.

What happened if :

1. The app still won't open.
إذا لم تتمكن من فتح التطبيق.
→ Check that your software is up to date. تأكد من قيامك بتحديث البرمجيات.

2. You still have problems.
إذا كنت لا تزال تواجه مشكلات.
→ Uninstall and reinstall the app.
قم بمسح التطبيق وإعادة تثبيته.

3. You cannot solve the problem.
إذا لم تتمكن من حل المشكلة.



→ Ask your teacher or family for help.
اطلب المساعدة من معلمك أو أحد أفراد أسرتك.

Problem 2

The mouse cursor isn't working.

مؤشر فأرة التحكم لا يعمل



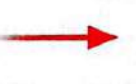
Solution

Make sure you connect the mouse cable to the correct place in the motherboard. It is best to restart your device.

تأكد من توصيل كابل فأرة التحكم بالمكان المناسب المتصل باللوحة الأم ويفضل بعد ذلك إعادة تشغيل الجهاز.

What happened if :

1. The problem isn't solved.
إذا لم يتم حل المشكلة.



→ There might be a defect in the mouse and you might replace it.
يمكن ان يكون هناك خلل في فأرة التحكم، وقد تحتاج إلى استبدالها بأخرى.

2. You cannot solve the problem.
إذا لم يتم حل المشكلة.



→ Ask your teacher or family for help.
اطلب المساعدة من معلمك أو أحد أفراد أسرتك.

restart	إعادة التشغيل	defect	عيب	reinstall	إعادة التثبيت	cursor	مؤشر
uninstall	إلغاء التثبيت	again	مرة أخرى	up to date	محدث	app	تطبيق



Problem 3

You can't find a file.

يعجز عن إيجاد ملف ما



Solution

Check your Downloads folder.

ابحث في مجلد التنزيلات.



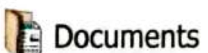
Downloads

What happened if :

1. You're looking for a Microsoft Word file. إذا كنت تبحث عن ملف من نوع مايكروسوفت وورد.



Look in your Documents folder. ابحث في مجلد المستندات.

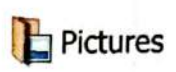


Documents

2. You're looking for a photo. إذا كنت تبحث عن صورة ما.



Look in your Pictures folder. ابحث في مجلد الصور.



Pictures

Or

Try doing a search using the search box next to the Start button.

حاول البحث بواسطة صندوق البحث الموجود في أسفل الشاشة إلى يمين شعار ويندوز [windows] زر البدء.

3. You cannot solve the problem. إذا لم تتمكن من حل المشكلة.



Ask your teacher or family for help. اطلب المساعدة من معلمك أو أحد أفراد أسرتك.

Problem 4

Your screen freezes.

توقف الشاشة عن عرض البيانات والمعلومات.



Solution

Press and hold the "Ctrl", "Alt", and "Del" buttons together.

اضغط على أزرار "Del" , "Alt" , "ctrl" معًا لمدة قصيرة من الزمن.

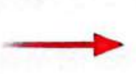
Ctrl Alt Delete

What happened if :

1. This option doesn't work. إذا كان هذا الحل لا يعمل.

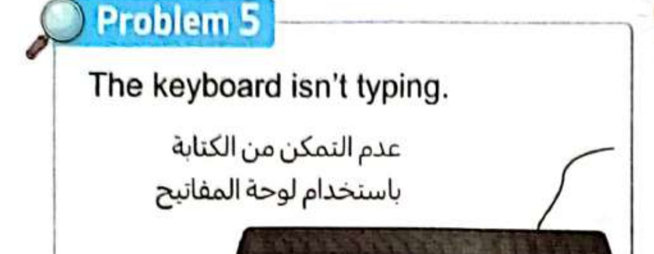
Try to power off your computer and restart. حاول اطفاء جهازك وإعادة تشغيله.

2. you cannot solve the problem. إذا لم تتمكن من حل المشكلة.



Ask your teacher or family for help. طلب المساعدة من معلمك أو أحد أفراد أسرتك.

check	فحص	folder	مجلد	look for	يبحث
button	زر	solve	يحل	press	يضغط



Problem 5

The keyboard isn't typing.

عدم التمكن من الكتابة
باستخدام لوحة المفاتيح

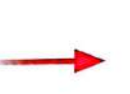
Solution

Make sure you connect the keyboard cable to the correct place in the motherboard then restart your device.

تأكد من توصيل كابل لوحة المفاتيح في المكان المناسب المتصل باللوحة الأم ثم أعد تشغيل الجهاز.

What happened if :

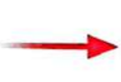
1. The problem isn't solved.
إذا لم يتم حل المشكلة.



There might be a defect in the keyboard and you might need to replace it.

قد يكون هناك خلل في لوحة المفاتيح وقد تحتاج إلى استبدالها.

2. If you can't solve the problem.
إذا لم يتم حل المشكلة.



Ask your teacher or family for help.
طلب المساعدة من معلمك أو أحد أفراد أسرتك.



Pop Quiz

▸ **Choose the correct answer from a, b, c or d.**

1. Press and hold the "Ctrl", "Alt", and "Del" buttons when the ....
   a. Keyboard can't work　　b. screen freezes
   c. app can't open　　d. mouse can't work
2. Do a search using the search box next to the Start button to ....
   a. find a file　　b. freeze the screen
   c. open an app　　d. do research
3. Restart your computer and try opening it again when ....
   a. a file lost　　b. screen freezes
   c. app can't open　　d. mouse can't work
4. Uninstall and reinstall the app when the ....
   a. a file can't open　　b. screen freezes
   c. app can't open　　d. mouse can't work

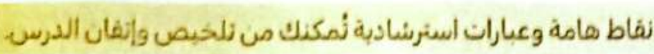
make sure	تأكد	correct	صحيح	place	مكان

Stop here !

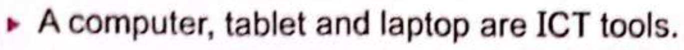




استمع إلى ملخص الدرس



نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.



Lesson Summary

- A computer, tablet and laptop are ICT tools.
  الحاسب الآلي والكمبيوتر اللوحي والكمبيوتر المحمول من أدوات تكنولوجيا المعلومات.
- ICT tools help us do a lot of tasks.
  تساعدنا أدوات تكنولوجيا المعلومات والاتصالات على القيام بالكثير من المهام.
- If an app can't work, uninstall and reinstall it.
  إذا لم يعمل التطبيق، فقم بإلغاء تثبيت التطبيق وإعادة تثبيته.
- If the mouse cursor doesn't work, there might be a defect in the mouse.
  إذا لم يعمل مؤشر الفأرة، فقد يكون هناك عيب في الفأرة.
- If we can't find a file, try to do a search using the search box.
  إذا لم تتمكن من العثور على ملف ، فحاول إجراء بحث باستخدام مربع البحث.
- If the screen freezes, try to power off the computer and restart it.
  إذا لم تعمل الشاشة ، فحاول إيقاف تشغيل الكمبيوتر وإعادة التشغيل.
- If the keyboard isn't typing, make sure you connect the cable in the correct place in the motherboard.
  إذا لم تعمل لوحة المفاتيح ، تأكد من أنك قمت بتوصيل لوحة المفاتيح من المكان الصحيح في اللوحة.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Common ICT problems and solutions	reports - homework	You can write school reports and homework using Microsoft Word.
	restart	If the app can't open, restart your computer and try again.
	cursor	If the mouse cursor isn't working, make sure you connect the mouse cable to the correct place in the motherboard then restart your device.
	folder	If you can't find a file, check your downloads folder.
	screen – freezes	If your screen freezes, press and hold the Ctrl, Alt, and Del buttons together.
	keyboard	If the keyboard isn't typing, there might be a defect in the keyboard.
	uninstall - reinstall	If the app can't open, uninstall and reinstall it.
	research	ICT tools help us to do research of information online.
	computer	Try to power off your computer if your screen freezes.

General Exercises

On Lesson Six



ممتاز	جيد جدا	جيد	غير جيد

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. If the ...., make sure the keyboard cable is connected or not. [الأزهر الشريف - القاهرة - الشروق ٢٠٢٣]
   - a. mouse isn't working
   - b. app won't open
   - c. screen freezes
   - d. keyboard isn't working
2. 📖 To find a file on your computer, you need to ....
   - a. shut down your computer
   - b. use the search box
   - c. press Del +Alt
   - d. replace the mouse [المنوفية – شبين الكوم ٢٠٢٤]
3. Press and hold the "Ctrl" + " Alt" + " Del" buttons together when .... [الجيزة – ٦ أكتوبر ٢٠٢٣]
   - a. the screen freezes
   - b. you can't find a file
   - c. an app can't open
   - d. the keyboard isn't working

2 Put (✓) in front of the correct sentence and (x) in front of the wrong one.

1. If you can't find a file, you should restart your computer. [القاهرة - شرق مدينة نصر ٢٠٢٤] (   )
2. Restarting the device helps to solve some problems. [الأزهر الشريف - الإسماعيلية ٢٠٢٣] (   )
3. 📖 If the keyboard doesn't work, use the search box. [الجيزة - كراسة ٢٠٢٣] (   )

2. El Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. The .... is from the ICT devices.
   - a. mobile
   - b. laptop
   - c. handbike
   - d. both (a) and (b)
2. If the screen freezes, press............... at the same time.
   - a. Ctrl + Shift + Delete
   - b. Ctrl + Alt + Delete
   - c. Home Button
   - d. Folder
3. 📖 We use the .... to find a file or folder on the computer.
   - a. search box
   - b. internet browser
   - c. printer
   - d. scanner
4. Try a search using .... next to the start button when you don't find a file.
   - a. search box
   - b. power off
   - c. restart
   - d. Ctrl + Alt
5. When you are unable to solve some computer problems you should ....
   - a. forget about them
   - b. delete some documents
   - c. ask your teacher or family
   - d. none of them



6. If you can't find a picture search for it in .... folder.
   a. Documents b. picture c. Downland d. Music
7. You can use .... to write school reports and homework.
   a. Power Point b. Excel c. Word d. Windows
8. .... are ICT tools.
   a. Lap tops b. Tablets c. Computers d. All of them

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. ICT tools can help you do one task only. ( )
2. Tablets and laptops are used for gaming only. ( )
3. We can use computers to write reports and play games. ( )
4. If an app can't open, restart your computer. ( )
5. If your screen freezes, press CTRl + Del only. ( )

للتدريب فقط

3 Match.

(A)	(B)
1. To close your computer, press.	☐ a. uninstall and reinstall the app.
2. If an app can't open,	☐ b. try to Power off your computer.
3. If your screen freezes,	☐ c. Ctrl + Alt + Delete together.

4 Complete the following sentences with appropriate words in brackets.

(ICT tools – your screen freezes – restart the device)

1. If you couldn't open an application, ...
2. The computer, the laptop and the tablet are ....
3. Press and hold Ctrl + Alt + Del buttons together if ....

5 Read and tick (✓) the correct solution.

1. My app still can't open.
   - ☐ Shut down your computer.
   - ☐ Check that your software is up to date.
2. 📖 My mouse cursor isn't working.
   - ☐ Check the mouse connection to the cable and restart the device.
   - ☐ Press and hold the "Ctrl" , "Alt" and "Del" together
3. My keyboard isn't tying.
   - ☐ There might be a defect in it and you might need to replace it.
   - ☐ Check your downloads folder.

قم بتلوين الدائرة باللون المناسب لمستواك. ◯





Revision

on Lessons 5 & 6

مراجعة عامة على الدرسين الخامس والسادس فى ورقة واحدة

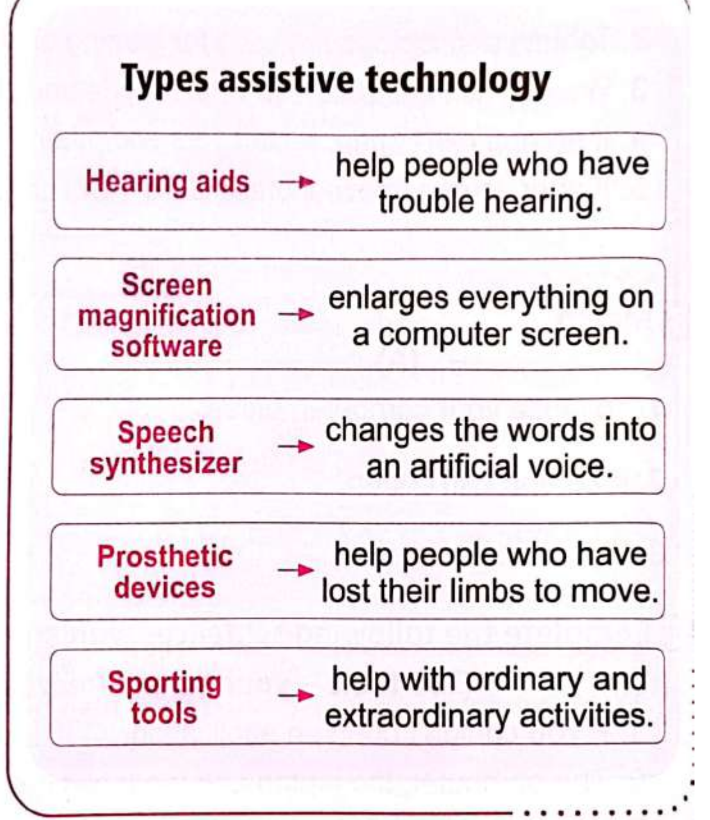
Lesson 5 : Supporting people of determination

Albert Lin

- Albert Lin has a limb difference.
- He uses a prosthetic leg that enables him to move and explore new places.

Stephen Hawking

- Stephen Hawking was a famous scientist.
- He used assistive technology to help him communicate.



Types assistive technology

- **Hearing aids** → help people who have trouble hearing.
- **Screen magnification software** → enlarges everything on a computer screen.
- **Speech synthesizer** → changes the words into an artificial voice.
- **Prosthetic devices** → help people who have lost their limbs to move.
- **Sporting tools** → help with ordinary and extraordinary activities.

Lesson 6 : Common ICT problems and solutions

ICT tools

computer - tablet - laptop

The importance:

- Help us do a lot of tasks.
- Writing school reports.
- Search information online.
- Play games.

Problem 1

If an app can't open:

- Restart your computer and try again.
- Check that your software is up to data.
- Uninstall and reinstall the app.
- Ask your teacher or family for help.

Accumulative Test

On Lessons 1, 2, 3, 4, 5 & 6



اختبار تراكمي من الدرس الأول للدرس السادس

1 Choose the correct answer from a, b, c or d.

1. Albert Lin has a limb difference and he uses ....
   a. assistive technology b. hearing aids
   c. both (a) and (b) d. handbikes

2. To solve the problem of screen freezing, press .... at the same time.
   a. Ctrl + Shift + Delete b. Ctrl + Alt + Delete
   c. Home Button d. none of them

3. By using the archaeological tool, we can save ....
   a. time only b. effort only
   c. time and effort d. none of them

4. .... help people who have trouble hearing.
   a. Alternate communication b. Hearing aids
   c. Sporting tools d. handbikes

5. If the mouse cursor isn't working make sure you connect the .... to the correct place.
   a. app b. keyboard cable
   c. mouse cable d. none of them

6. The .... is a type of hardware.
   a. Gps b. App
   c. CPU d. Windows

7. .... is used to detect metal under ground.
   a. Magnetometer b. GPS
   c. Drone d. None of them

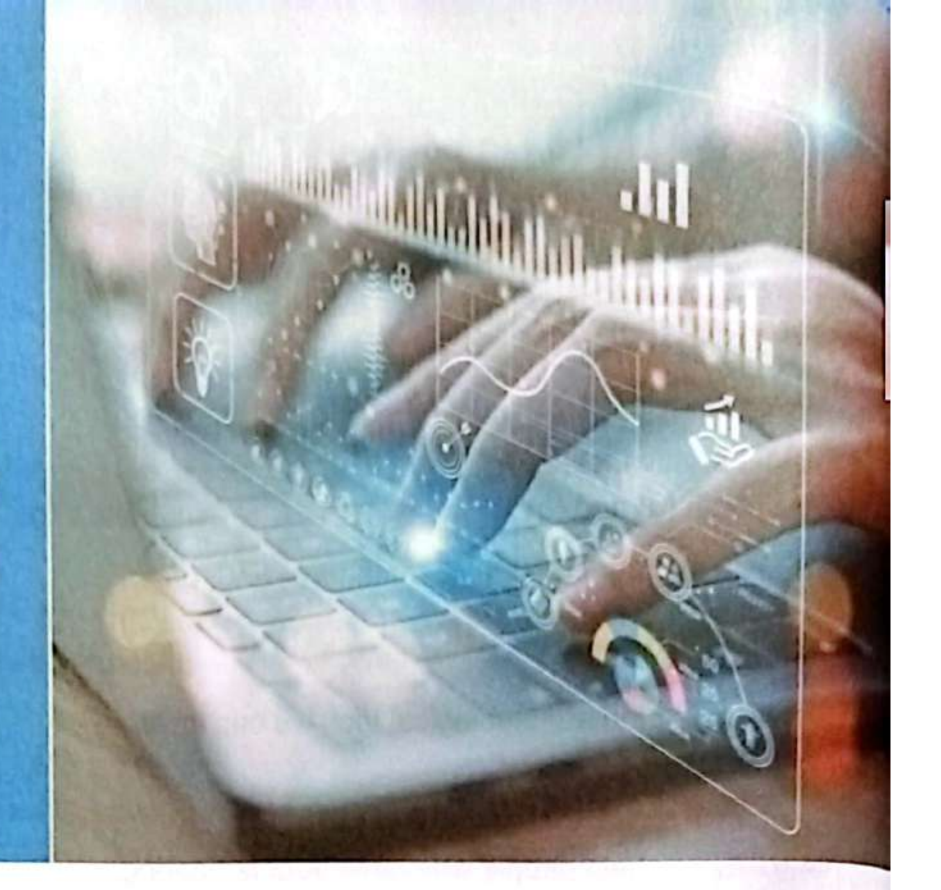
2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. The tablet and laptop are ICT tools. ( )
2. Assistive technology helps people of determination. ( )
3. Hearing aids can enlarge everything on a computer. ( )
4. If an app can't work, uninstall and reinstall it. ( )
5. Prosthetic devices change the words into artificial voice. ( )
6. Microphones allow people to input sound and music. ( )
7. Drones take photographs using satellite. ( )
8. You can write school reports and homework using Microsoft Word. ( )

يمكنك المراجعة باستمرار (تراكمية)
من خلال الصفحة السابقة.

LESSON 7

Collecting, analyzing, and graphing data



Learn



- Scientists and archaeologists can search to solve problems.
  - يمكن للعلماء وعلماء الآثار البحث لحل المشاكل.
- They collect, analyze and graph data.
  - فهم يقومون بجمع البيانات وتحليلها ورسمها البيانى.
- Ways to collect, analyze and graph data.
  - طرق جمع، تحليل ورسم البيانات.

1 Collecting Data جمع البيانات

You can collect data from a variety of sources such as:

يمكنك جمع البيانات من مجموعة متنوعة من المصادر مثل :

books and articles (digital or print) الكتب و المقالات (رقمية أو مطبوعة)	records (logs and reports) التسجيلات (السجلات والتقارير)	surveys استطلاعات الرأى	experiments التجارب
			

collect جمع analyze تحليل data بيانات



Make sure that : تأكد أن

- The information you are collecting should be accurate.

- يجب أن تكون المعلومات التى تقوم بجمعها دقيقة.

- You use sources that can be trusted.

- تأكد دائمًا من استخدام المصادر الموثوق بها.

2 Analyze Data تحليل البيانات



- When you analyze the data you've collected, you should : عندما تقوم بتحليل البيانات التى جمعتها ، يجب عليك :

① review your findings مراجعة النتائج الخاصة بك

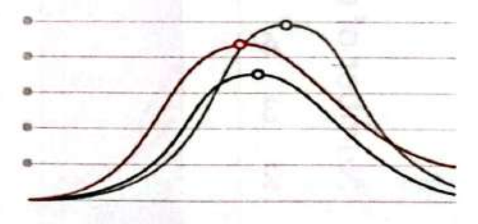
② interpret what those findings mean

تفسير ما تعنيه هذه النتائج

- The best way to interpret a lot of data is to look for trends in the information.

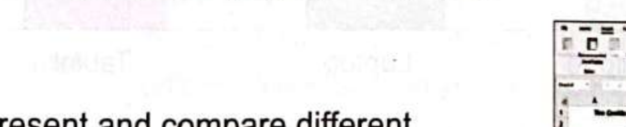
أفضل طريقة لتفسير الكثير من البيانات. هى البحث عن الأنماط المتكررة فى المعلومات.

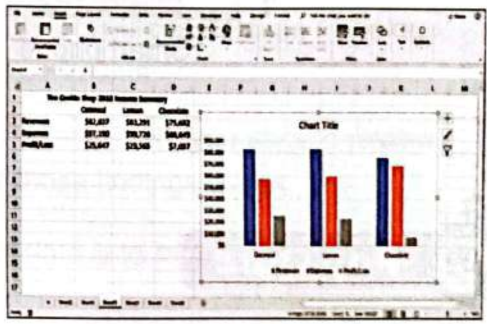
3 Graph الرسوم البيانية



- After analyzing data you have collected you are ready to graph the information.
- A common graph is a bar graph.

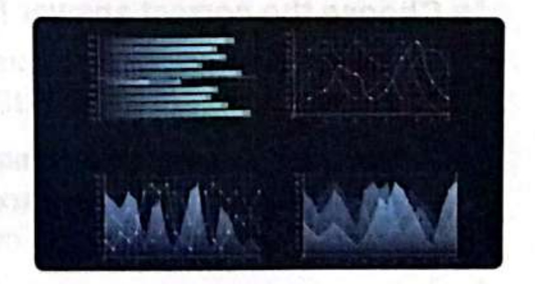
الرسم البيانى الشائع هو شريط الرسم البيانى.





- Bar graphs present and compare different categories of information.

الرسوم البيانية تعرض وتقارن فئات المعلومات المختلفة.



- You can draw graphs on paper, or make them on a computer using software like **Excel®**.

يمكنك رسم الرسوم البيانية على الورق ، أو جعلها على جهاز كمبيوتر باستخدام برنامج مثل الأكسيل.

review	مراجعة	interpret	تفسير	trusted	موثوق
compare	يقارن	different	مختلف	categories	فئات
bar graph	شريط الرسم البيانى	findings	نتائج	present	تعرض

Example

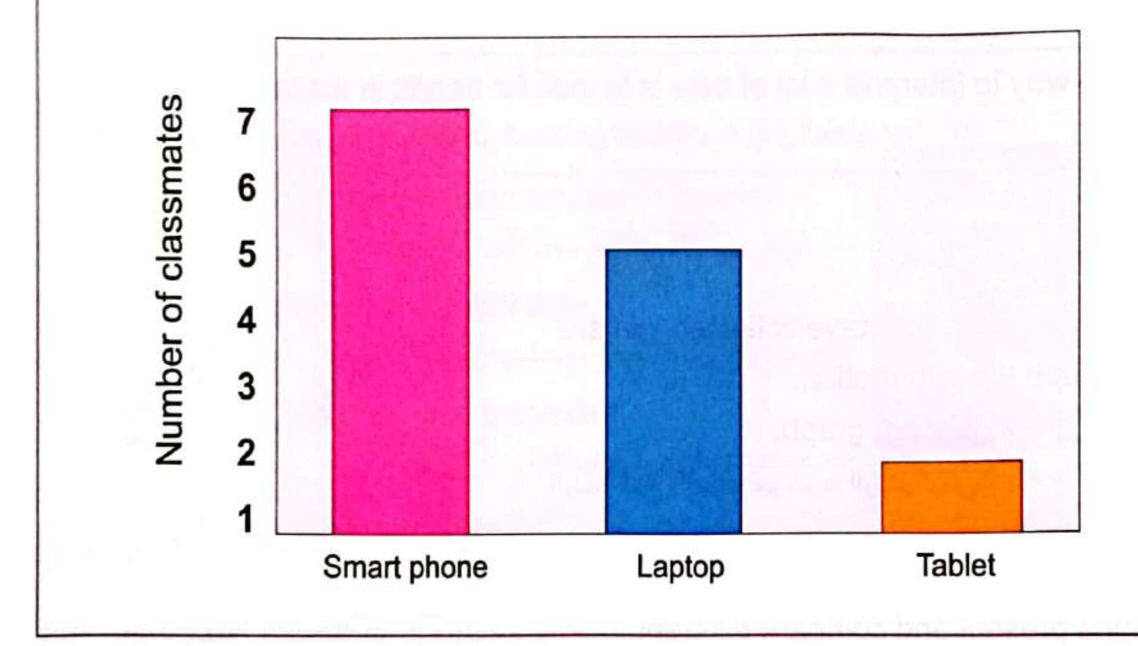
Nesma interviewed her classmates about what their favorite devices were. In total, she interviewed 14 classmates.

She collected their answers and sorted them into groups.

This is the information she analyzed:

- Seven classmates said their favorite device was a smartphone.
- Five students said their favorite device was a laptop.
- Two students said their favorite device was a tablet.

After Nesma analyzed the information, she graphed it:





▸ Choose the correct answer from a, b, c or d.

1. You can draw graphs on a computer using ....
   a. Excel **b.** PUS **c.** GPS **d.** GPR

2. The .... is the most common graph.
   a. bar graph **b.** Excel **c.** application **d.** information

Stop here !

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.





استمع الـ ملخص الدرس

Lesson Summary



- Scientists and archaeologists can search to solve problems.

  يمكن للعلماء وعلماء الآثار البحث لحل المشاكل.

- You can collect data from a variety of sources such as books, articles and surveys.

  يمكنك جمع البيانات من مجموعة متنوعة من المصادر مثل الكتب ، المقالات و استطلاعات الرأى.

- When we analyze data we've collected, we should review our findings.

  عندما نقوم بتحليل البيانات التى تقوم بجمعها، يجب مراجعة النتائج.

- A common graph is a bar graph.

  الرسم البيانى الشائع هو شريط الرسم البيانى.

- Bar graphs present and compare different categories of information.

  الرسوم البيانية تعرض وتقارن فئات المعلومات المختلفة.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Collecting, analyzing, and graphing data	collect data	You can collect data from a variety of sources such as : books, articles, records, surveys and experiments.
	analyze	When you analyze the data you've collected, you should review your findings and interpret what those findings mean.
	interpret	The best way to interpret a lot of data is to look for trends in the information.
	graph	You can draw graphs on paper, or make them on a computer using software like Excel.
	categories	Bar graphs present and compare different categories of information.
	trusted	Always be sure to use sources that can be trusted.
	bar graph	A common graph is a bar graph.

General Exercises

On Lesson Seven

يمكنك حل التدريب وتصويبه إلكترونيا

ممتاز | جيد جدا | جيد | غير جيد

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. Before you show your results on charts, you should ....
   - a. share it online with others
   - b. analyze them
   - c. remove them
   - d. delete them

   [القاهرة - حدائق القبة ٢٠٢٣] / [القاهرة - الساحل ٢٠٢٤]

2. 📖 You can collect data from many sources like .... , surveys and records. [الأزهر الشريف - القاهرة - الشروق ٢٠٢٣]
   - a. keyboards
   - b. GPS
   - c. books
   - d. none of them

3. The best way to collect data is getting it from .... [البحيرة - إيتاى البارود ٢٠٢٤]
   - a. articles
   - b. experiments
   - c. books
   - d. all of them

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. 📖 A graph is a good way to display and compare results. [الإسكندرية - العجمى ٢٠٢٤] (   )
2. You can collect data from two sources only. [الدقهلية - دكرنس ٢٠٢٣] / [المنيا - ملوي ٢٠٢٤] (   )
3. We can analyze data in order to organize it in a graph. [الشرقية - غرب الزقازيق ٢٠٢٣] (   )
4. To reach accurate results, you must use social sites. [الأزهر الشريف - المنوفية ٢٠٢٤] (   )

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. Once you have analyzed the information you collected, you are ready to .... it.
   - a. collect
   - b. graph
   - c. analyze
   - d. remove

2. When you analyze the data you've collected, you should .... your findings.
   - a. review
   - b. research
   - c. write
   - d. collect

3. A .... is a common graph for representing data.
   - a. bar graph
   - b. pie graph
   - c. table
   - d. both of them

4. The best program that allows to create graph is "................program".
   - a. Paint
   - b. Drawing
   - c. Excel
   - d. none of them



5. 📖 The best way to interpret a lot of data is to look for .... in the information.
 a. trends b. unknown c. missed d. removed

6. When you analyze the data you should review your ....
 a. computer b. graph c. findings d. apps

7. You can collect data from a variety of sources such as ....
 a. book b. articles c. records d. all of them

8. .... graph present and compare different categories of information.
 a. Bar b. Pie c. Line d. None of them

9. When collecting data always be sure to use .... sources.
 a. available b. funny c. trusted d. None of them

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Scientists and archaeologists can collect their data from a variety of sources such as surveys and experiments. ( )
2. 📖 Through bar graphs, you can remove data. ( )
3. Collecting data is a step of solving a problem. ( )
4. Collect data from any sources. ( )
5. There are two types of books printed and digital. ( )

للتدريب فقط

3 Complete the following sentences with appropriate words in brackets.

(trusted - Bar graphs - collect)

1. You can .... data from a variety of sources.
2. 📖 We should make sure to use sources that can be ....
3. .... compare different categories of information.

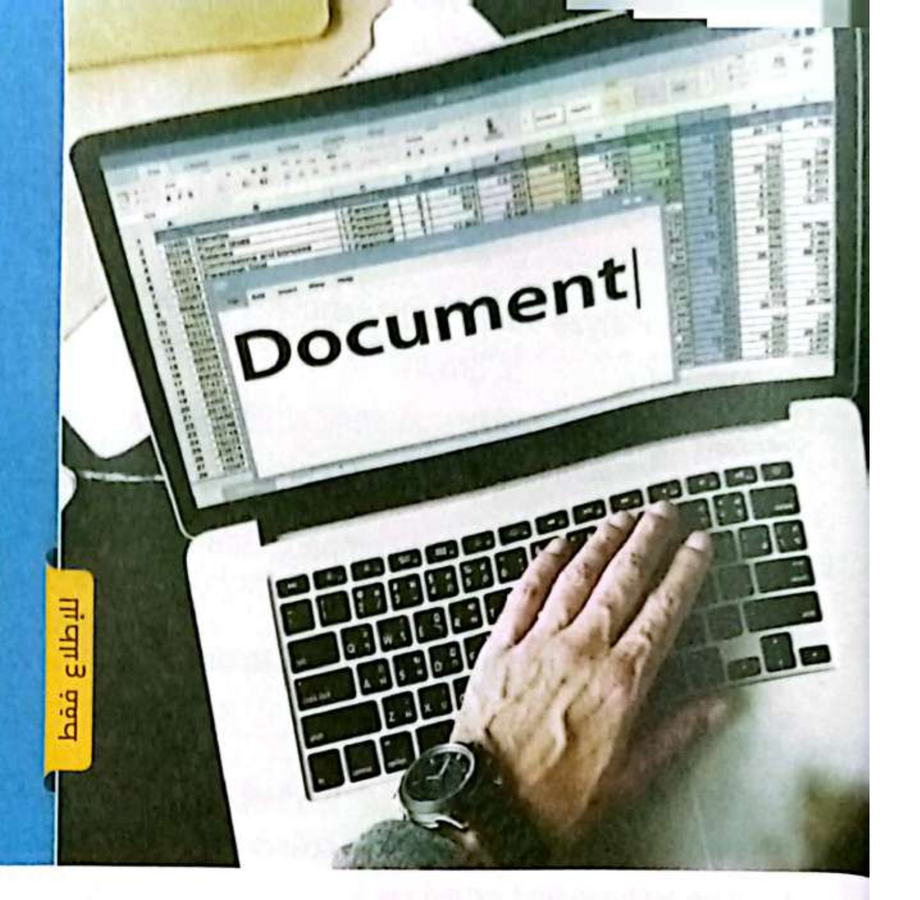
4 Read and write the name of the step.

1. The data you are collecting from variety of sources. (...............)
2. 📖 They present and compare categories of information. (...............)
3. To review you findings of data and interpret them. (...............)

قم بتلوين الدائرة باللون المناسب لمستواك.



Reporting findings



للإطلاع فقط

Learn

- Researchers report the information they gather in many different ways.

يقوم الباحثون بنشر المعلومات التى يجمعونها بالعديد من الطرق المختلفة.

There are some ways archaeologists report their information :

هناك بعض الطرق التى ينشر بها علماء الآثار معلوماتهم :

1 Blogs المدونات



2 Published articles
المقالات المنشورة



3 Social media sites
مواقع التواصل الاجتماعي



4 Interviews المقابلات



5 TV Programs
البرامج التلفزيونية



6 Email
رسائل البريد الإلكتروني



7 Text messages
الرسائل النصية



8 Video chats
دردشات الفيديو



researchers	الباحثون	information	معلومات	gather	يجمع
different	مختلف	ways	طرق	report	يبلغ / ينشر



1 Blogs المدونات



- A website that contains personal notes and opinions.

  موقع إلكتروني يحتوي على ملاحظات وآراء شخصية.

- One person is responsible for it.

  شخص واحد هو مسئول عنها.

2 Published articles مقالات منشورة



- They contain texts, images and infographics.

  قد تحتوى على نصوص، صور و رسوم بيانية.

- They contain information available for publication, downloading or distribution on digital media.

  تحتوي على معلومات متاحة للنشر ، التحميل أو التوزيع على الوسائط الرقمية.

- It allows an individual or group to express their opinions to their followers or audience.

  تسمح لفرد أو لمجموعة بالتعبير عن آرائهم لمتابعيهم أو جمهورهم.

3 Social Media Sites مواقع وسائل التواصل الاجتماعي



- They are undocumented sources of information. إنهم من المصادر غير الموثقة للمعلومات.
- They allow you to view and share information with your friends or people you know.

  يتيحوا لك عرض ومشاركة المعلومات مع أصدقائك أو أشخاص تعرفهم.

website	موقع الكتروني	notes	ملاحظات	opinions	آراء
person	شخص	responsible for	مسئول عن	contains	يحتوي
infographics	رسوم بيانية	available	متاح	audience	الجمهور
undocumented	غير موثقة	view	عرض	source	مصدر

4 Interviews المقابلات



- A face - to face conversation between two or more people.
  محادثة وجهاً لوجه بين شخصين أو أكثر.
- Information is displayed through it.
  يتم عرض المعلومات من خلالها.

5 TV Programs برامج التلفزيون



- It's recorded or living meetings or programs that allow information to be shared with viewers via television.
  هي برامج مسجلة أو مباشرة تسمح بمشاركة المعلومات مع المشاهدين عبر التلفزيون.

6 Email رسائل البريد الالكتروني



- The most common ways to report data.
  الطريقة الأكثر شيوعاً لإبلاغ البيانات.
- You can send a short report and attach a file with it. يمكنك إرسال تقرير قصير وإرفاق ملف به.

7 Text Messages رسائل نصية



- Friends can use them as a way to communicate with each other.
  يستطيع الأصدقاء استخدامهم كطريقة للتواصل مع بعضهم البعض.

recorded	مسجلة	via	عبر	file	ملف
conversation	محادثة	meetings	اجتماعات	living	مباشر
allow	يسمح	displayed	تعرض	attach	إرفاق



8 Video Chats محادثات فيديو



- They are used to communicate through remote places with your friends.
  يتم استخدام في التواصل عبر الأماكن البعيدة مع أصدقائك وزملائك.
- You need a camera and a microphone to communicate with other.
  سوف نحتاج إلى كاميرا وميكروفون للتواصل مع الآخرين.



Pop Quiz

1 Choose the correct answer from a, b, c or d.

1. .... are websites that contain personal notes and opinions.
   a. Interviews b. Blogs c. Articles d. Interviews
2. .... are undocumented sources of information.
   a. Articles b. Social Media Sites c. Interviews d. Blogs
3. You need a .... to communicate with each other through video chats.
   a. camera b. mouse c. keyboard d. scanner
4. Friends can use .... as a way to communicate.
   a. TV programs b. published articles c. text messages d. interviews
5. .... can be recorded or living meetings or programs via television.
   a. Emails b. TV programs c. Text messages d. Blogs

2 Read and write the way to report information.

1. A website that contain personal notes and opinions. (..................)
2. They contain texts while some include images and infographics. (..................)
3. They are undocumented sources of information. (..................)
4. It's a face-to-face conversation between two or more people. (..................)

remote عن بُعد through خلال places أماكن

Stop here !



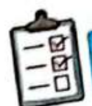




نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

Lesson Summary

- There are many ways that archaeologists report their information
  هناك العديد من الطرق التي ينشر بها علماء الآثار معلوماتهم.
- Blogs are websites that contain personal notes and opinions.
  المدونات هي مواقع إلكترونية تحتوى على ملاحظات وآراء شخصية.
- Published articles contain information available for publication, download or distribution.
  المقالات المنشورة تحتوي على معلومات متاحة للنشر، التحميل والتورية.
- Social media sites are undocumented sources of information.
  مواقع التواصل الاجتماعي هى مصدر غير موثوق للمعلومات.
- Interviews are a face-to face conversation.
  المقابلات هي محادثة وجهاً لوجه.
- The email is the most common way to report data.
  البريد الإلكتروني هو الطريقة الأكثر شيوعاً لإبلاغ البيانات.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Reporting finding	Published articles	They allow individuals or groups to express their opinions to followers.
	undocumented	Social media sites are undocumented sources of information.
	audience	Published articles allow individual or group to express their opinions to their followers or audience.
	blog-website	Blogs are a website that contains personal notes and opinions.
	interview-conversation	Interviews are a face to face conversation between two or more people.
	short report	You can send a short report and attach a file with email.
	text message-communicate	Friends can use text messages as a way of communication.
	archaeologist	There are some ways that archaeologist report their information.
	video chats	You can use video chats to communicate through remote places with your friends.

General Exercises

On Lesson Eight

يمكنك حل التدريب وتصويبه إلكترونيًا

ممتاز · جيد جدا · جيد · غير جيد

▸ If you got ● you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على ● (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. The common way to report data is .... [القاهرة - الشروق ٢٠٢٣]
   a. blogs b. emails c. mouse d. programs

2. 🕮 The camera and microphone are used in .... [القاهرة - عين شمس ٢٠٢٣]
   a. published articles b. text messages c. video calls d. blogs

3. A/An .... is a way to report information by writing posts and comments online. [الأزهر الشريف - القاهرة - المعصرة ٢٠٢٣]
   a. Video chat b. Social media c. Interview d. TV program

4. A/An .... is a visual communication (audio and image) over the internet using a webcam. [القاهرة - المطرية ٢٠٢٣]
   a. Video chat b. Social media c. Blog d. Interview

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Social media is the best way to reach accurate information. [المنيا - دير مواس ٢٠٢٣] ( )
2. E-mails are used to share data and communicate among friends. [القاهرة - الزيتون ٢٠٢٣] ( )
3. Social media is a way to report information by writing posts and comments online. [أسيوط - القومية ٢٠٢٣] ( )
4. 🕮 An interview is a conversation between two or more peoples face to face. [الأزهر الشريف - المنوفية - السادات ٢٠٢٣] ( )
5. A blog is considered personal opinions that express its owner. [الفيوم - غرب الفيوم ٢٠٢٣] ( )

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. Researchers report the information they gather in many ways such as ....
   a. blogs b. social media sites c. both of them d. none of them

2. A/An .... is the most common way to report data.
   a. E-mail b. Social media c. Interview d. None of them

3. 🕮 There are .... to communicate with others electronically.
   a. three ways b. many ways c. no way d. two ways

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Interviews are one of the ways that researchers report the information they gather. ( )
2. There is one way to report data. ( )
3. Video chats even text messaging are ways to report information. ( )
4. An E-mail can contain text and images. ( )
5. There are many ways to communicate electronically with others. ( )

للتدريب فقط

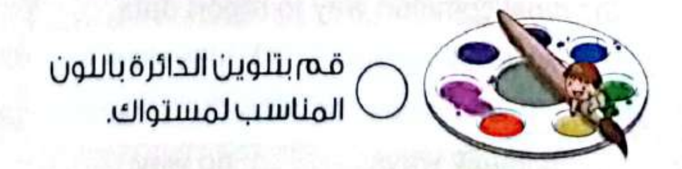
3 Complete the following sentences with appropriate words in brackets.

(digital blogs – E-mail – Published articles)

1. .... is a common way to report data and attach files related.
2. The opinions that express its owner, published on the internet are called ....
3. .... contain information available for publication.

4 Read and tick (✓) the correct one.

1. A text message
   - ☐ is used between friends to communicate.
   - ☐ is a recorded or living meeting.
2. Social Media sites
   - ☐ contain information available for publication.
   - ☐ are undocumented source of information.
3. Blogs
   - ☐ are websites that contain personal notes and opinions.
   - ☐ are a face-to-face conversations.



Revision

on Lessons 7 & 8

مراجعة عامة على الدرسين السابع و الثامن فى ورقة واحدة



Lesson 7 : Collecting, analyzing and graphing data

To solve problems you need to :

Collecting Data

- **Collecting Data from sources such as:**
  - books and articles.
  - records (logs and reports).
  - surveys
  - experiments

Analyze Data

- **Analyze Data:**

When we analyze data we should:

- Review your findings.
- Interpret what those findings mean.
- Graphing Data.

Lesson 8 : Reporting findings

Researches

1. Blogs:



- A website that contains personal opinions.
- One person is responsible for it.

2. Published articles:

- They contain texts, while some include infographics.
- They contain information available for publication.



Report

3. Social media sites:

- They're undocumented sources of information.
- They allow you to view and share information.

4. Interviews:

- Face to face conversations.
- Information is displayed through them.

Sample Tests On Theme One

اختبارات مجمعة من مختلف المحافظات للأعوام السابقة على المحور الأول [تتضمن الأفكار المتكررة في الامتحانات السابقة]

▸ If you got 🔴 you need to revise the theme again.

ممتاز · جيد جدا · جيد · غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة المحور مرة أخرى.

Sample Test 1

1 Choose the correct answer from a, b, c or d.

1. .... is used to detect metal underground. [الإسكندرية - العجمي ٢٠٢٣]
   a. Magnetometer
   b. Global Positioning System
   c. Drone
   d. GPS
2. The .... is a tool to find things under the ground. [الأزهر الشريف - المنيا - إدارة المنيا ٢٠٢٤]
   a. Computer
   b. Ground Penetrating Radar
   c. GPS
   d. Drone
3. To measure the magnetic field, they use .... [المنوفية - إدارة قويسنا ٢٠٢٣]
   a. GPS
   b. Drones
   c. GPR
   d. Magnetometer
4. .... stands for Global positioning system. [القاهرة - إدارة حدائق القبة ٢٠٢٤]
   a. ICT
   b. GPR
   c. GPS
   d. none of them
5. If the screen freezes, press .... at the same time. [سوهاج - إدارة جهينة ٢٠٢٤]
   a. Ctrl + Shift + Delete
   b. Ctrl + Alt + Delete
   c. Home Button
   d. Folder
6. A .... is a common graph for representing data. [الاسكندرية - إدارة المنترة ٢٠٢٣]
   a. bar graph
   b. pie graph
   c. table
   d. both of them
7. The best program that allows to create graph is "............. program". [بني سويف - إدارة ببا ٢٠٢٤]
   a. Paint
   b. Drawing
   c. Excel
   d. none of them

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. 📖 Windows is one of the most famous computer operating systems. [الغربية - إدارة شرق المحلة ٢٠٢٤] (   )
2. A tablet is like a personal computer in all components. [القاهرة - إدارة الشروق ٢٠٢٤] (   )
3. The keyboard, mouse, touch screen and camera are devices for inputting data to the computer. [الأزهر الشريف - الدقهلية - إدارة ميت غمر ٢٠٢٤] (   )
4. Google Chrome is used to input data to the computer. [الشرقية - إدارة ههيا ٢٠٢٤] (   )
5. Drones are used to photograph specific locations. [القاهرة - إدارة المعصرة ٢٠٢٤] (   )
6. Albert Lin can use tools to save time, cost and effort. [الجيزة - أوسيم ٢٠٢٤] (   )
7. CPU is a type of software. [البحيرة - إدارة إيتاي البارود ٢٠٢٤] (   )
8. We can use the computer to browse the internet. [الفيوم - إدارة غرب الفيوم ٢٠٢٤] (   )

قم بتلوين الدائرة باللون المناسب لمستواك.

▸ If you got 🔴 you need to revise the theme again.

🔵 ممتاز 🟢 جيد جدا 🟡 جيد 🔴 غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة المحور مرة أخرى.

Sample Test 2

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Engineers relied on drones to locate the construction sites. [الأزهر الشريف - المنيا ٢٠٢٤] (   )
2. GPR is used to search for a specific location above the ground. [الجيزة - الصف ٢٠٢٤] (   )
3. Archaeologists rely on two types of tools (above ground, under the ground). [بورسعيد - بورفؤاد ٢٠٢٤] (   )
4. You can collect data from two sources only. [الدقهلية - دكرنس ٢٠٢٣] / [المنيا - المنيا ٢٠٢٣] (   )
5. We can analyze data in order to organize it in a graph. [الشرقية - غرب الزقازيق ٢٠٢٣] (   )
6. To reach accurate results, you must use social sites. [الأزهر الشريف - المنوفية ٢٠٢٤] (   )
7. Restarting the device helps to solve some problems. [الأزهر الشريف - الإسماعيلية ٢٠٢٣] (   )

2 Choose the correct answer from a, b, c or d.

1. .... is used to locate things via [عبر] satellite. [الإسماعيلية - فايد ٢٠٢٤]
   a. GPR   b. ICT   c. GPS   d. Magnetometer
2. .... is used to search for minerals [معادن]. [الأزهر الشريف - الفيوم ٢٠٢٣]
   a. GPS   b. Magnetometer   c. Drone   d. ICT
3. The .... is an output device. [القاهرة - مصر الجديدة ٢٠٢٤]
   a. keyboard   b. mouse   c. printer   d. scanner
4. The keyboard is considered as an .... device. [القاهرة - غرب القاهرة ٢٠٢٣]
   a. input   b. output   c. none of them   d. both of them
5. .... are responsible for running and managing computers. [القاهرة - المطرية ٢٠٢٤]
   a. Speakers   b. Cameras   c. Operating systems   d. Screens
6. 📖 .... is necessary to operate any computer. [الجيزة - الدقي ٢٠٢٤]
   a. Keyboard   b. PowerPoint   c. Operating system   d. Microsoft
7. Stephen Hawking is a/an .... [كفر الشيخ - فوة ٢٠٢٤]
   a. player   b. doctor   c. scientist   d. archaeologist
8. When there is a problem of opening an app on your computer, you might need to .... [الغربية - شرق المحلة ٢٠٢٣]
   a. use the keyboard   b. press Alt + Ctrl + Del
   c. restart your device   d. power off the screen

قم بتلوين الدائرة باللون المناسب لمستواك. ◯

ممتاز جيد جدا جيد غير جيد

▸ If you got ● you need to revise the theme again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على ● (غير جيد) قم بمراجعة المحور مرة أخرى

Sample Test 3

1 Choose the correct answer from a, b, c or d.

1. A common graph is a/an .... graph. (الأزهر الشريف - الإسكندرية ٢٠٢٤)
   a. drawing b. application c. bar d. digital
2. 📖 .... are used to communicate with sound and image. (الغربية - زفتى ٢٠٢٤)
   a. Text messages b. Video chats c. Emails d. Interviews
3. Try a search using .... next to the start button when you don't find a file. (الجيزة - الوراق ٢٠٢٤)
   a. search box b. power off c. restart d. Ctrl + Alt
4. 📖 Once you have analyzed the information you have collected, you are ready to .... the information. (القاهرة - المرج ٢٠٢٤)
   a. collect b. graph c. analyze d. remove
5. 📖 From common graphs for representing information is .... (القاهرة - المرج ٢٠٢٤)
   a. bar graph b. pie graph c. none of them d. both (a) and (b)
6. We use the .... to find a file or folder on the computer. (أسوان - كوم أمبو ٢٠٢٤)
   a. search box b. internet browser c. printer d. scanner
7. 📖 Albert Lin is an ....
   a. explorer b. archaeologist c. both (a) and (b) d. engineer

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Albert Lin is an archaeologist. (الإسكندرية - العجمى ٢٠٢٣) ( )
2. The GPR device is used to find objects under the surface of the earth. (الأزهر الشريف - سوهاج ٢٠٢٣) ( )
3. We can use computer to store information and write documents. (البحيرة - إيتاى البارود ٢٠٢٤) ( )
4. Scanners move things easily around the screen. (الجيزة - العمرانية ٢٠٢٣) ( )
5. 📖 If the keyboard doesn't work, use the search box. (الجيزة - كرداسة ٢٠٢٣) ( )
6. We need speakers to see. (الأزهر الشريف - الغربية ٢٠٢٣) ( )
7. 📖 Android is one of the most famous operating system. (المنيا - مطاى ٢٠٢٤) ( )
8. The CPU converts data to useful information. (الدقهلية - غرب المنصورة ٢٠٢٤) ( )

قم بتلوين الدائرة باللون المناسب لمستواك. ◯

▸ If you got ● you need to revise the theme again.

● ممتاز ● جيد جداً ● جيد ● غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على ● (غير جيد) قم بمراجعة المحور مرة أخرى.

Sample Test 4

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. We use our devices to write notes and go on the internet. (أسوان - أسوان ٢٠٢٣) ( )
2. Stephen Hawking used assistive technology to help him communicate. (الشرقية - غرب الزقازيق ٢٠٢٣) ( )
3. Screen magnification software allows those with poor vision to interact with computer. (الأزهر الشريف - الفيوم - غرب الفيوم ٢٠٢٤) ( )
4. If the keyboard isn't typing, there might be a defect in the keyboard. (بورسعيد - بورفؤاد ٢٠٢٤) ( )
5. Computers and tablets are ICT tools. (البحيرة - إيتاي البارود ٢٠٢٤) ( )
6. It is better to restart your computer after checking the mouse connection. (الدقهلية - غرب المنصورة ٢٠٢٣) ( )
7. You can collect data from a variety of sources including books, records and surveys. (الأزهر الشريف - البحيرة - التحرير ٢٠٢٤) ( )
8. 📖 Books and magazines are not sources of data collection. (الغربية - غرب طنطا ٢٠٢٣) ( )

2 Choose the correct answer from a, b, c or d.

1. If you want to write on the computer, you need a .... (المنيا - دير مواس ٢٠٢٣)
   a. keyboard b. mouse c. printer d. screen
2. 📖 .... is used by blind people to read. (أسيوط - القوصية ٢٠٢٤)
   a. Braille terminal b. Keyboard c. Screen reader d. Camera
3. You can use the computer to .... (الأزهر الشريف - القاهرة - عين شمس ٢٠٢٣)
   a. play games b. store files
   c. browse the internet d. all of them
4. .... is used to input a text and images from paper. (الفيوم - غرب الفيوم ٢٠٢٤)
   a. RAM b. The Operating System
   c. The keyboard d. Scanner
5. If the mouse cursor isn't working make sure you connect the .... to the correct place. (الإسماعيلية - التل الكبير ٢٠٢٣)
   a. app b. keyboard cable c. mouse cable d. none of them
6. The .... is a type of hardware. (الدقهلية - دكرنس ٢٠٢٤)
   a. GPS b. App c. CPU d. Windows
7. Before you show your results on charts, you should ....
   a. share it online with others b. analyze them
   c. remove them d. delete them

(القاهرة - حدايق القبة ٢٠٢٣) / (القاهرة - الساحل ٢٠٢٣)





THEME 2

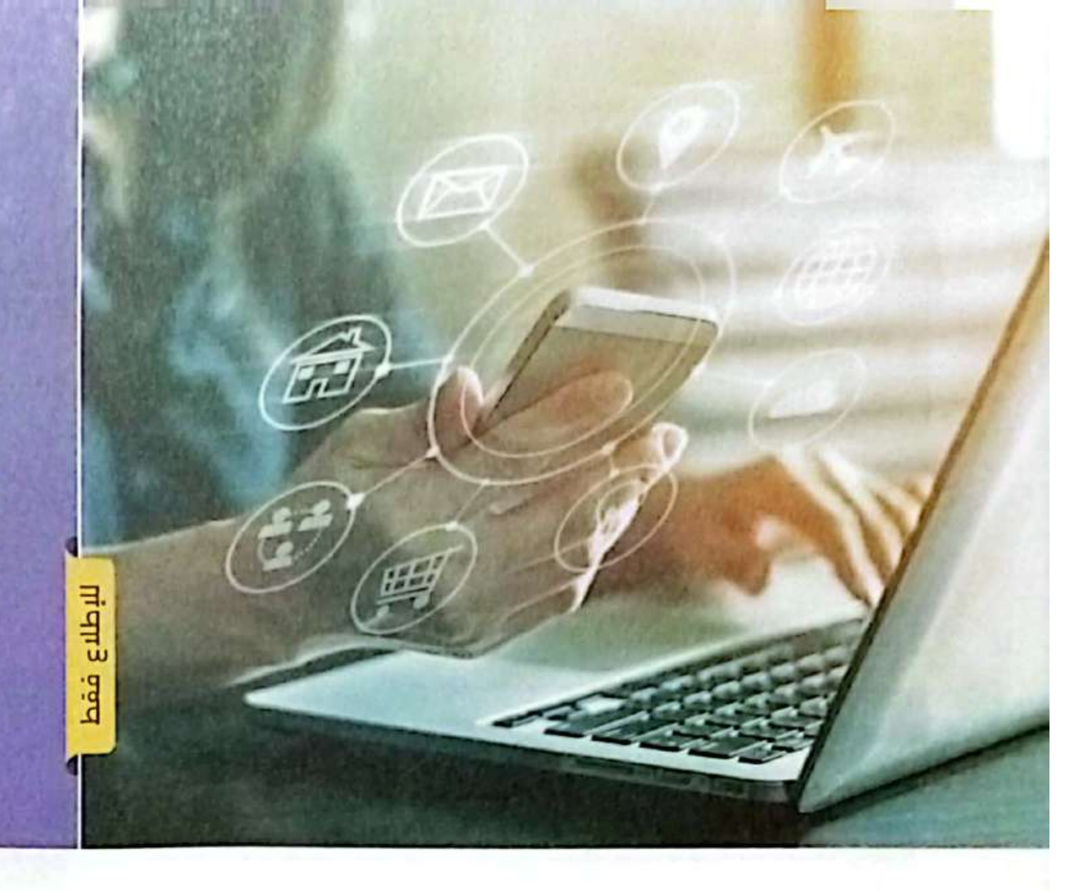
Digital safety and security precautions

▶ In this theme, you will learn about :

1. How scientists use ICT in their jobs and daily life
2. The importance of keeping personal information private
3. Staying safe online
4. Reliable and unreliable online sources
5. The Egyptian Knowledge Bank
6. Online bullying and inappropriate content
7. The importance of good anti-virus software
8. Researching and presenting a topic safely and effectively.



Explorer in Action



Learn

The internet الإنترنت



- The internet can give us access to all kinds of information.

  يمكن للإنترنت أن يتيح لنا الوصول إلى جميع أنواع المعلومات.

- The internet can also be used as a powerful tool to communicate with other people.

  يمكن أيضًا استخدام الإنترنت كأداة قوية للتواصل مع الآخرين.

Searching on the internet البحث عبر الإنترنت



- We can type a question into a search engine to find answers quickly and easily.

  يمكننا كتابة سؤال في محرك البحث للعثور على إجابات بسرعة وسهولة.

- It is important to check the information because it may not always be correct.

  من المهم التحقق من المعلومات لأنها قد لا تكون صحيحة دائمًا.

- Google is the most popular search engine.

  جوجل هو محرك البحث الأكثر شهرة.

access to	الوصول إلى	kinds	أنواع	powerful	قوة
search engine	محرك البحث	check	يفحص	correct	صحيح



▸ **Choose the correct answer from a, b, c or d.**

1. The .... can give us access to all kinds of information.
   a. Excel **b.** Word **c.** internet **d.** keyboard

2. We can type a question into a .... to find answers quickly.
   a. Excel **b.** search engine **c.** Word **d.** notebook



Anika Ullah

- She is a biologist. هي عالمة أحياء.

A short story that happened to her. قصة قصيرة حدثت لها.



1 When she was at a wedding, she tried a dessert made from an unusual nut.

عندما كانت في حفل زفاف ، جربت حلوي مصنوعة من مكسرات غير عادية.



2 She didn't know anything about these nuts, so she looked them up in an online encyclopedia.

لم تكن تعرف أي شيء عن هذه المكسرات، لذا بحثت عنها في موسوعة علي الإنترنت.



3 She found many uses for the nuts, but also discovered that eating too many of these nuts can cause cancer.

وجدت العديد من الاستخدامات لهذه المكسرات، لكنها اكتشفت أيضا أن تناول تلك المكسرات بكثرة يمكن أن يسبب السرطان.

4 When she discovered that these nuts could be dangerous, she decided that she should talk to local communities about the issue, and to ground truth.

عندما اكتشفت أن هذه المكسرات يمكن أن تكون خطيرة ، قررت أنه يجب عليها التحدث إلى المجتمعات المحلية حول هذه المشكلة وتوضيح الحقيقة.

5 Grounding truth is when you find out information directly from people or evidence.

الحقيقة الأساسية هي عندما تكتشف المعلومات مباشرة من الناس أو الأدلة.

biologist	عالِم أحياء	wedding	حفل زفاف	unusual	غير عادي
encyclopaedia	موسوعة	cancer	مرض السرطان	truth	حقيقة
directly	مباشرة	evidence	الأدلة		





6 She visited people in the community and also used the internet to communicate with them.

لقد زارت أشخاص فى المجتمع المحلى وأيضا استخدمت الإنترنت للتواصل معهم.

7 Ms. Ullah wanted people to use these nuts more safely.

أرادت السيدة أولاه أن يستخدم الناس هذه المكسرات بأمان أكثر.

8 She made films and started online campaigns to help people to lead healthier lives.

استطاعت إعداد مقاطع ڤيديو وبدأت حملات توجيه عبر شبكة الإنترنت لمساعدة الناس على اتباع نمط حياة صحى أكثر.

The sequence of activities when you search something online

1. Decide what information you want to find out.
   حدد المعلومات التى ترغب في الحصول عليها.
2. Think about the search terms of key words you will use.
   فكر في مصطلحات البحث أو الكلمات المفتاحية التي ستستخدمها.
3. Cross check facts by trying to find them in more than one place.
   تحقق من البيانات من خلال محاولة إيجادها فى أكثر من مصدر.
4. Tell the reader where the information came from.
   احرص على تدوين مصدر تلك البيانات.
5. Look carefully at the information that you have found.
   راجع المعلومات التى توصلت إليها جيدًا.



Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. Anika Ullah is a/an ....
   a. engineer **b.** vet **c.** biologist **d.** teacher
2. To research something online, we should decide what .... we want to find out.
   a. campaigns **b.** information **c.** lives **d.** nuts

find out	يكشف	terms	مصطلحات	facts	حقائق
reader	القارئ	search	البحث	community	مجتمع
safely	بأمان	carefully	بعناية / بحرص	lives	حيوات

Stop here !





استمع الى ملخص الدرس

نقاط هامة وعبارات استرشادية تمكنك من تلخيص وإتقان الدرس.



Lesson Summary

- The internet can give us access to all kinds of information.
  يمكن للإنترنت أن يتيح لنا الوصول إلى جميع أنواع المعلومات.
- The internet can also be used as a powerful tool to communicate.
  يمكن أيضًا استخدام الإنترنت كأداة قوية للتواصل.
- We can type a question into a search engine to find answers quickly and easily.
  يمكننا كتابة سؤال في محرك البحث للعثور على إجابات بسرعة وسهولة.
- Anika Ullah discovered that unusual nuts could be dangerous.
  اكتشفت (Anika Ullah) أن المكسرات الغير عادية يمكن أن تكون خطيرة.
- Anika Ullah made films and start online campings to help people to lead healthier lives.
  استطاعت (Anika Ullah) إعداد مقاطع فيديو وحملات توعيه عبر شبكة الإنترنت لمساعدتهم على اتباع نمط حياة صحى أكثر.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Explorer in Action	tool – communicate	The internet can be used as a powerful tool to communicate with other people.
	Google – search - engine	Google is the most popular search engine.
	find – out	Anika Ullah found out information about eating many nuts.
	campaigns – lead – film – healthier	She made films and online campaigns to help people to lead healthier lives.
	terms – use	Think about the search terms of key words you will use while searching online.
	reader – came	Tell the reader where the information came from.
	carefully – found	Look carefully at the information that you have found.

General Exercises

On Lesson One



بمكنك حل التدريب وتصويبه الكترونيا

▸ If you got 🔴 you need to revise the lesson again.

🔵 ممتاز 🟢 جيد جدا 🟡 جيد 🔴 غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. Anika Ullah searched for an exotic nut .... (الأزهر الشريف - الغربية - غرب طنطا ٢٠٢٣)
   a. on the internet b. in books c. in magazines d. in a dictionary
2. You can use .... to search for information on the internet. (الجيزة-العمرانية ٢٠٢٣)
   a. results b. search engines c. Word d. a printer
3. .... is the most famous search engine that used all over the world.
   a. Google b. Facebook c. Windows d. WhatsApp
   (الأزهر الشريف - الاسماعيلية ٢٠٢٣)
4. Students can find all kinds of information by using the .... (القاهرة - الشروق ٢٠٢٣)
   a. keyboard b. internet c. mouse d. message

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. The internet helps us find information we want. (الجيزة-البدراشين ٢٠٢٣) ( )
2. Anika Ullah finds that eating too many of these nuts cause cancer. (أسيوط-القوصية ٢٠٢٣) ( )
3. The search engine is used to find the answer to a question easily.
   (الاسماعيلية- التل ٢٠٢٣) (قنا-ديشنا ٢٠٢٣) ( )
4. It is not important to check the information we find online because it always correct. (الأزهر الشريف - الدقهلية ٢٠٢٣) ( )
5. WhatsApp is the most popular search engine. (المنيا - ملوى ٢٠٢٣) ( )

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. Anika Ullah is a/an ....
   a. biologist b. doctor c. engineer d. teacher
2. The .... is a global network that connects millions of sets around the world.
   a. computer b. router c. internet d. laptop
3. One of the ways through which Anika Ullah got the information is the ....
   a. search engine b. online encyclopedia
   c. both of them d. none of them

4. You must .... the online sources.
   a. trust   b. check   c. refuse   d. delete

2 Put (✓) in front of the correct sentence and (x) in front of the wrong one.

1. The internet can be used as a powerful tool to communicate with people. (   )
2. Anika Ullah checks her online sources carefully to get accurate information. (   )
3. All the information that you get from the internet is accurate. (   )
4. Online information is sometimes incorrect, and this information should be tested. (   )
5. The search engine is a software program that helps people find the keywords are looking for online. (   )

للتدريب فقط

3 Complete the following statements with appropriate words between brackets.

(search engine – Google – terms)

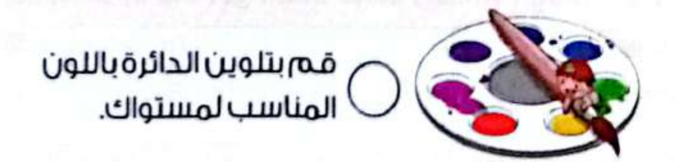
1. .... is considered one of the most popular search engines to get information.
2. A software application that is used for accessing on the internet is ....

4 Complete the following diagram by using the following sentences.

1. Cross check facts by trying to find them in more than one place.
2. Decide what information you want to find out.
3. Look carefully at the information that you have found.
4. Tell the reader where the information came from.
5. Think about the search terms or keywords you will use.

[ ] ⇒ [ ] ⇒ [ ]

[ ] ⇐ [ ] ⇐





Online dangers and how to be safe



Learn

1 Communicating online التواصل عبر الإنترنت

- **To communicate online :** للتواصل عبر الإنترنت يمكننا استخدام :

Computers أجهزة الكمبيوتر



Phones هواتف



tablets أجهزة لوحية



- **People can communicate with each other using.**

يمكن للناس التواصل مع بعضهم البعض باستخدام.

instant messaging
رسالة فورية



email
بريد إلكتروني



direct messages
رسائل مباشرة



message forums
منتديات الرسائل



- **Be careful** - some people communicate online to be unkind or to steal personal information. كن حذراً - يتواصل بعض الأشخاص عبر الإنترنت ليكونوا غير لطفاء أو لسرقة المعلومات الشخصية.

online	عبر الإنترنت	people	الأشخاص	each other	بعضهم البعض

▸ **Personal information includes your :** تتضمن المعلومات الشخصية الخاصة بك :

address عنوان



name اسم



name of your school
اسم مدرستك



- Be sure you know who you are chatting with.
  تأكد من أنك تعرف من تدردش معه
- Always be kind and honest when communicating online with others.
  كن لطيفًا وأمينًا عندما تتواصل مع الآخرين عبر الانترنت.
- If someone is unkind or makes you feel unsafe, you can block the person.
  إذا كان شخص ما غير لطيف أو يجعلك تشعر بعدم الأمان، فيمكنك حظره.
- When you block someone, that person cannot see your posts or contact you.
  عندما تحظر شخص ما، فلن يتمكن هذا الشخص من رؤية منشوراتك أو الاتصال بك.



2 Unsafe websites المواقع غير الآمنة



- Be careful when clicking on links.
  كن حذراً عند النقر على الروابط.
- Don't click on links that you are unsure of.
  لا تنقر على روابط لست متأكدًا منها.
- If you accidentally view an unsafe or inappropriate site, don't panic.
  إذا عرضت بالخطأ موقعاً غير آمن أو غير ملائم ، فلا داعي للذعر.
- Leave the site and tell your teacher or a family member who can help you feel safe.
  اترك الموقع وأخبر معلمك أو أحد أفراد أسرتك الذي يمكنه مساعدتك على الشعور بالأمان.

Pop Quiz

▸ **Choose the correct answer from a, b, c or d.**

1. .... and phones are ways to communicate online.
   a. Calculators **b.** Pens **c.** Computers **d.** Bags
2. 📖 Your .... is personal information.
   a. name **b.** address **c.** book **d.** both a & b

be sure	تأكد	chatting	تدردش	unsafe	عدم الأمان
block	حظر	clicking	النقر	link	رابط
unsure	غير متأكد	accidentally	بالخطأ	inappropriate	غير ملائم
personal	شخصي				



3 Sharing data online مشاركة البيانات عبر الإنترنت



- Don't share personal data online without asking your teacher or a family member if it is OK.

  لا تشارك البيانات الشخصية عبر الإنترنت دون أن تطلب من معلمك أو من أحد أفراد الأسرة ما إذا كان الأمر مقبولاً.

- If you share your personal data online, you may receive spam messages.

  إذا كنت تشارك بياناتك الشخصية عبر الإنترنت فقد تتلقى رسائل مزعجة.

▶ Spam messages الرسائل المزعجة



- Spam mail includes unwanted messages to advertise products or gather more information from you.

  يتضمن البريد المزعج رسائل غير مرغوب فيها للإعلان عن المنتجات أو لجمع المزيد من المعلومات منك.

- The messages may also include viruses.

  قد تتضمن الرسائل أيضًا فيروسات.

- If an email includes an unfamiliar address, unknown links, or messages in ALL CAPITAL LETTERS, it might be spam.

  إذا كان البريد الإلكتروني يتضمن عنواناً غير مألوف أو روابط غير معروفة أو رسائل مكتوبة بأحرف كبيرة، فقد يكون بريدًا مزعجًا.

- You should ..... يجب أن ......

- Make sure that only your friends and family can view your information.

  تأكد من أن أصدقائك وعائلتك فقط هم من يمكنهم عرض معلوماتك.

- Always think before you post something, especially a photo or video.

  فكر دائمًا قبل نشر شيء ما ، وخاصة صورة أو مقطع فيديو.

- Always think before you post about yourself or other people.

  فكر دائمًا قبل النشر عن نفسك أو عن أشخاص آخرين.

share	يشارك	gather	يجمع	damage	يضر/ يدمر	product	منتج
receive	يستقبل	unwanted	غير مرغوب	unfamiliar	غير مألوف	unknown	غير معروفة
advertise	إعلان	viruses	فيروسات	without	بدون	track	يتتبع
file	ملف	download	تحميل - تنزيل				

4 Downloading files تنزيل الملفات





- Think carefully before you download files.

  فكر بحرص قبل تنزيل ملفات.

- Some files have viruses. تحتوى بعض الملفات على فيروسات.

- Viruses can damage your computer or be used to track your information.

  يمكن للفيروسات إتلاف جهاز الكمبيوتر الخاص بك أو استخدامها لتتبع معلوماتك.

- Check the website before you download a file. Is it a trusted site?

  تحقق من الموقع الإلكتروني قبل تنزيل أي ملف ، هل هو موقع موثوق به ؟



- Learning is power! Use what you learned to stay safe and happy while online.

  التعلم قوة ! استخدام ما تعلمته للبقاء آمناً وسعيداً أثناء الاتصال بالإنترنت.

Pop Quiz

1 Choose the correct answer from a, b, c or d.

1. Don't .... personal data online without asking your teacher.
   a. want b. share c. receive d. cut
2. A/An .... mail includes unwanted messages to advertise products.
   a. Spam b. Instant c. Direct d. Safe
3. .... can damage your computer.
   a. Viruses b. Pens c. Phones d. Films

2 Read and tick (✓) the correct answer.

1. Phones, tablets and computers
   - ☐ are ways of communications.
   - ☐ are ways of writing.
2. The name and address
   - ☐ are personal information.
   - ☐ are public information.
3. Viruses
   - ☐ protect your computer.
   - ☐ damage your computer.
4. Unknown links
   - ☐ might be a present.
   - ☐ might be spam.

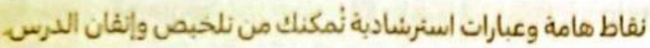
check يفحص | safe آمن | trusted موثوق به | before قبل

Stop here !





استمع إلى ملخص الدرس



نقاط هامة وعبارات استرشادية تمكنك من تلخيص وإتقان الدرس.



Lesson Summary

- We can use computers, phones and tablets to communicate online.

  يمكننا استخدام الكمبيوتر، الهواتف والأجهزة اللوحية للتواصل عبر الإنترنت.

- People can communicate with each other using instant messaging, emails and direct messages.

  يمكن للناس التواصل مع بعضهم البعض باستخدام الرسائل النصية الفورية ورسائل البريد الإلكتروني والرسائل المباشرة.

- Your address, name and name of your school are personal information.

  العنوان الخاص بك اسمك واسم المدرسة الخاصة بك معلومات شخصية.

- When you block someone, that person cannot see your posts or contact you.

  عندما تحظر شخص ما ، فلن يتمكن هذا الشخص من رؤية منشوراتك أو الاتصال بك.

- Don't share personal data online. لا تشارك البيانات الشخصية عبر الإنترنت.

- Spam mails includes unwanted messages to advertise products.

  يتضمن البريد المزعج رسائل غير مرغوب فيها للإعلان عن المنتجات.

- Always think before you post about yourself. فكر دائماً قبل النشر عن نفسك.

- Some files have viruses. تحتوي بعض الملفات على فيروسات.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Online dangers and how to be safe	communicate – unkind	Some people communicate online to be unkind or to steal personal information.
	click – unsure	Don't click on links that you are unsure.
	share – family	Don't share personal data online without asking your teacher or a family member if it is OK.
	friends – information	Make sure that only your friends and family can view your information.
	think – post	Always think before you post about yourself or other people.
	carefully – download	Think carefully before you download files.
	website – trusted	Check the website before you download a file. Is it a trusted site ?

General Exercises

On Lesson Two

يمكنك حل التدريب وتصويبه إلكترونيا

ممتاز | جيد جدا | جيد | غير جيد

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. When someone behaves badly with you on the internet, you should ....
   (الغربية - شرق المحلة ٢٠٢٣)
   a. ask for his friendship b. block him
   c. welcome him d. chat with him

2. It is possible that there are viruses on your device, if you ....
   (الغربية - زفتى ٢٠٢٣) (الشرقية - الحسينية ٢٠٢٤)
   a. click on unknown links b. browse the EKB
   c. read books d. send an email

3. You shouldn't communicate with .... (الشرقية - الحسينية ٢٠٢٣)
   a. a friend of you b. your school friend
   c. unknown person d. your family

4. .... includes your name, address and your date of birth. (الشرقية - كفر صقر ٢٠٢٤)
   a. Personal data b. Spam c. Download d. Link

5. People may use................. to communicate together. (الأزهر الشريف - الأقصر ٢٠٢٣)
   a. spam messages b. instant messages
   c. personal information d. fake messages

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. If you receive unknown message that is in all capital letters, it might be a spam. ( ) (الأزهر الشريف - الغربية - شرق المحلة ٢٠٢٤)
2. Block is considered one of the ways to communicate with your friends on the internet. ( ) (الجيزة - أبو النمرس ٢٠٢٤) / (الشرقية - كفر صقر ٢٠٢٣)
3. People may use instant messages, emails, direct messages, and message forums to communicate. ( ) (الأزهر الشريف - الجيزة - العمرانية ٢٠٢٣)

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. .... are devices that are used to connect to the internet.
   a. Phones b. Tablets c. Laptops d. All of them

2. When unknown person sends you a link, you .... it.
   a. open b. click on c. mustn't open d. share



3. When you see inappropriate website content, you should ....
   a. leave the internet
   b. tell the teacher or parents
   c. do not use the device again
   d. close your device

4. Spam mail includes unwanted message, and it may include ....
   a. an unfamiliar address
   b. an unknown link
   c. personal data
   d. both a & b

5. The virus can ....
   a. damage your files
   b. damage the mouse
   c. connect to the internet
   d. help your files

6. Your address, your name and your school name are your ....
   a. personal devices
   b. personal data
   c. personal computer
   d. none of them

7. If the e-mail message includes ...., this message might be a spam.
   a. unknown links   b. incorrect grammar   c. greeting   d. both a & b

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. People use e-mails, instant messages, and direct messages to communicate. (   )
2. You can't communicate on the internet via mobile phone. (   )
3. When you see inappropriate website content, you should not use the interent again. (   )
4. One of the safety actions when using the internet is that you do not open any message before verifying its owner and its content. (   )
5. The tablet is one of the devices through which you can access the internet. (   )
6. You should not share your personal data to stay safe online. (   )
7. Files downloaded from the internet do not contain viruses and can be used without scanning. (   )
8. Always think before you post about yourself or other people. (   )
9. When downloading files from the internet, you can open it without connecting to the internet. (   )
10. You must check the privacy settings in social networking sites. (   )
11. When you block someone, that person won't see what you post. (   )
12. You'll be safe online if you share your personal data. (   )
13. Clicking on unknown link may download useful program to your computer. (   )
14. You must scan the downloaded files by using updated antivirus program. (   )

للتدريب فقط

3 Complete the following sentences with the appropriate words in brackets.

(personal data – harmful – Spam – links – block – download)

1. When you .... someone, that person will not be able to contact you or view your account.
2. .... emails include unwanted messages.
3. You shouldn't click on .... that you are unsure of when browsing the internet.
4. Viruses are one of the .... things that infect the computer.
5. When you .... a file, you save it to your device.
6. Think carefully before you share your address or other .... online.

4 Match.

(A)	(B)
1. Blocking	☐ a. means your name, address and birth date.
2. Personal information	☐ b. allows you to prevent unwanted people from viewing your personal data.
3. Spam messages	☐ c. contain advertise products, that may contain viruses.

5 Read the scenarios and check the boxes. There may be more than one correct answer.

1. You receive a message from a stranger on your social media account. The message tells you to download a file to watch a funny video. What should you do?
   a. Download the video to watch it later. ☐
   b. Ask a parent for help and do not open the file. ☐
   c. Delete and ignore the message. ☐
   d. Write a replay and say you can't wait to watch it. ☐
2. A friend sends you a strange picture that scares you. What should you do?
   a. Send the picture to all your friends. ☐
   b. Tell a parent. ☐
   c. Copy the image to your computer. ☐
   d. Send message back with an even scarier picture. ☐

قم بتلوين الدائرة باللون المناسب لمستواك. ◯

Revision

on Lessons 1 & 2

مراجعة عامة على الدرسين الأول والثانى فى ورقة واحدة



Lesson 1 : Explorer in Action

The internet

- The internet can give us access to all kinds of information.
- The internet can be used as a powerful tool to communicate.

Anika Ullah

- She is a biologist.
- She discovered that unusual nuts could be dangerous.
- She made films and online campaigns to help people to lead healthier lives.

Lesson 2 : Online dangers and how to be safe

Communicating online

- There are many ways to communicate online, we can use :
  - computers - phones - tablets
- People can communicate with each other using :
  - instant messaging - emails
  - direct messages - message forums
- Personal information includes your :
  - address - name
  - name of your school - Date of birth
- Always think before you post something, especially a photo or video.
- Make sure that only your friends and family can view your information.

Downloading files

- Think carefully before you download files.
- Some files have viruses.
- Viruses can damage your computer or be used to track your information.
- Check the website before you download a file. Is it a trusted site ?
- Learning is power ! Use what you learned to stay safe and happy while online.

Spam messages

- Spam mail includes unwanted messages to advertise products or gather more information from you.
- The messages may also include viruses.
- If an email includes an unfamiliar address, unknown links, or messages in ALL CAPITAL LETTERS , it might be spam.

Accumulative Test

On Lessons 1 & 2



اختبار تراكمى على الدرس الأول والثانى.

1 Choose the correct answer from a, b, c or d.

1. The explorer Anika Ullah is a/an ....
   a. biologist b. doctor c. engineer d. dentist
2. 🕮 .... is one of the common websites of searching.
   a. MSN website b. Google website c. Moe website d. Facebook
3. If someone is unkind or makes you feel unsafe, you can ....
   a. block the person b. chat with them
   c. send your personal information d. send them your photos
4. 🕮 When you see inappropriate website content, you should ....
   a. leave the website b. tell the teacher or parents
   c. do not use the device again d. both (a) and (b)
5. The .... is a type of e-mail, that contains unwanted message to advertise products.
   a. spam message b. data message c. personal message d. text message
6. You can .... the person if you feel unsafe in communicating.
   a. block b. deal c. respect d. follow
7. Anika Ullah wanted people to use these nuts more safely, so she made .... to raise awareness of the issue.
   a. films b. presentations c. graphs d. letters

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. When you see inappropriate website content, you should not use the internet again. ( )
2. To stay safe online do not open any message before verifying its owner and its content. ( )
3. 🕮 The tablet is one of the devices through which you can access the internet. ( )
4. It is not important to test information that you got online. ( )
5. The internet can give us access to information in many fields. ( )
6. The internet can be used as a powerful tool to communicate with people. ( )
7. Always think before you post about yourself or other people. ( )
8. 🕮 You must download any file quickly without checking. ( )



يمكنك المراجعة باستمرار (تراكمية) من خلال الصفحة السابقة.



Using ICT tools in a healthy and ethical way



Learn

1 Posting online النشر عبر الإنترنت



- When you tag someone, you identify that person in a post, photo, or video.

عندما تقوم بالإشارة إلى شخص ما عبر الانترنت ، فإنك تحدد هوية هذا الشخص في منشور ، صورة أو في مقطع فيديو.

- Anyone who has access to your account can see the tag. يمكن لأى شخص لديه حق الدخول إلى صفحتك برؤية الإشارة.
- The tag provides a link to the person's profile. تتضمن الإشارة رابطاً إلى الملف الشخصى الخاص بالشخص.



When you post on social media and tag your friends follow these rules :

عندما تنشر على وسائل التواصل الاجتماعى وتضع إشارة إلى أصدقائك اتبع تلك القواعد.

1. It's important to be sure the person you're tagging is OK with this.

من المهم أن تتأكد من أن الشخص الذى تضع علامة عليه موافق على ذلك.

2. Make sure to ask them permission first. It shows that you respect their privacy.

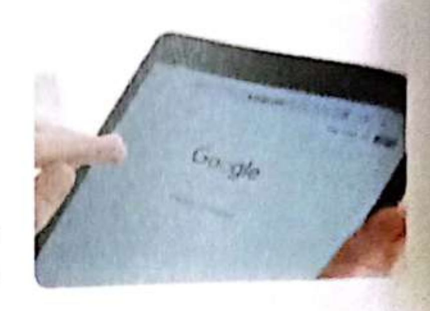
تأكد من أن تطلب منهم الإذن أولاً . إنه يظهر أنك تحترم خصوصيتهم.

3. Before you post something, ask yourself, is this post kind? Might it be hurtful to others? If you are unsure, don't post it.

قبل أن تنشر شيئاً ، اسأل نفسك هل هذا المنشور لطيف ؟ قد يكون مؤذ للآخرين إذا كنت غير متأكد، فلا تنشره.

tag	إشارة	link	رابط	access to	الدخول إلى
profile	ملف شخصى	permission	إذن	privacy	خصوصية

2 Crediting others ذكر مصادر المعلومات وأصحابها



- When you're looking for information to post online or to include in a PowerPoint presentation, it's important :

عندما تبحث عن معلومات لنشرها عبر الإنترنت أو لتضمينها في عرض تقديمي في البوربوينت فمن المهم :

- Credit sources that provide you with information that you share with other.

توثيق مصادر المعلومات التي تزودك بالمعلومات التي تشاركها مع الآخرين.



- When you credit a source of information, you let others know where the information you are sharing came from.

عندما تذكر مصادر المعلومات ، فإنك تخبر الآخرين من أين أتت المعلومات التي تشاركها.



pop quiz

▶ **Choose the correct answer from a, b, c or d.**

1. Before you .... something, ask yourself, is this post kind?
   a. respect **b.** read **c.** post **d.** block
2. It's important to .... sources that provide you with information.
   a. look **b.** credit **c.** remove **d.** delete

3 Respecting the law احترام القانون

- Whether you are posting online or researching topics, be sure to respect the law.

سواء كنت تنشر على الإنترنت أو تبحث عن موضوعات ، تأكد من احترام القانون.



- Don't go on banned sites. لا تذهب إلى المواقع المحظورة.

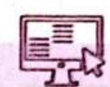
- Banned sites may publish inaccurate, immoral, and harmful material.

قد تنشر المواقع المحظورة مواد غير دقيقة وغير أخلاقية وضارة.

- Ask your teacher or a family member before you go on a new site.

اسأل معلمك أو أحد أفراد أسرتك قبل أن تذهب إلى موقع جديد.

looking for	يبحث عن	presentation	عرض تقديمي	source	مصدر
provide	يزود / يمد بـ	came from	أتت من	online	عبر الإنترنت
topics	مواضيع	harmful	ضار	law	القانون
banned	محظور	inaccurate	غير دقيق	immoral	غير أخلاقي



4 The positive and negative effects of ICT tools

الآثار الإيجابية والسلبية لأدوات تكنولوجيا معلومات والاتصالات

The positive effects of using ICT tools الآثار الإيجابية لاستخدام أدوات تكنولوجيا المعلومات والاتصالات	The Negative effects of using ICT tools الآثار السلبية لاستخدام أدوات تكنولوجيا المعلومات والاتصالات
① You can read the news with just a click of the mouse. يمكنك قراءة الأخبار بنقرة واحدة على فأرة التحكم.	① You may come across something online that upsets you. قد تصادف شيئاً ما على الإنترنت يزعجك.
② You can upload and download videos and photos and view them whenever you want. يمكنك رفع وتنزيل مقاطع الفيديو و الصور ومشاهدتها وقتما تشاء.	② You can get eye strain or headaches from using your devices too long. يمكنك أن تصاب بإجهاد العين أو الصداع من استخدام أجهزتك لفترة طويلة.
③ You can communicate with friends and family anywhere in the world. يمكنك التواصل مع الأصدقاء والعائلة في أي مكان في العالم.	③ Some people may rely on searching on Google to answer all their questions- even though it doesn't always give the right answer ! قد يعتمد بعض الأشخاص على البحث في جوجل للإجابة على جميع أسئلتهم - على الرغم من أن هذا الموقع لا يعطي دائماً الإجابة الصحيحة !

Remember :

- You should use ICT tools wisely and ethically.

- يجب أن تستخدم المصادر الإلكترونية بحكمة وبطريقة أخلاقية.

- Know when to put your device down.   - كن على علم متى تضع جهازك.
- Stay active and social - and be responsible.   - كن ايجابي واجتماعي - وكن مسئوول.



▶ **Choose the correct answer from a, b, c or d.**

1. .... sites may publish inaccurate and harmful material.
   a. Tag   **b.** Block   **c.** Banned   **d.** Trusted
2. 📖 You can upload and .... videos using ICT tools.
   a. download   **b.** read   **c.** rely   **d.** act

upset	يزعج	strain	إجهاد	rely on	يعتمد على

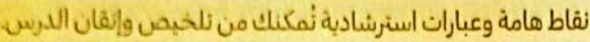




Stop here !



نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.



Lesson Summary

- When you tag someone, you identify the person in a post or a photo.
  عندما تقوم بالإشارة إلى شخص ما، فإنك تحدد هوية هذا الشخص في منشور أو صورة.
- Anyone who has access to your account can see the tag.
  يمكن لأى شخص لديه حق الوصول إلى حسابك رؤية الإشارة.
- It's important to ask your friends permission before you tag them.
  من المهم أن تطلب من أصدقائك الإذن أولاً قبل الإشارة إليهم.
- When you're looking for information to post online, it's important to credit sources.
  عندما تبحث عن معلومات لنشرها عبر الإنترنت ، من المهم توثيق مصادر المعلومات.
- You shouldn't go on banned sites. لا يجب أن تذهب إلى المواقع المحظورة.
- There are positive and negative effects of ICT tools.
  يوجد آثار إيجابية وسلبية لأدوات تكنولوجيا المعلومات والاتصالات.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Using ICT tools in a healthy and ethical way	permission	You must ask permission before posting information related to your friends.
	tagging	It's important to be sure the person you're tagging is OK with this.
	posting online	Whether you are posting online or researching topics, be sure to respect the law.
	new site	Ask your teacher or a family member before you go on a new site.
	wisely	Remember to use ICT tools wisely and ethically.
	news - click	You can read the news with just a click of the mouse.
	communicate	You can communicate with friends and family anywhere in the world.

General Exercises

On Lesson Three



مُمتاز　جيد جدا　جيد　غير جيد

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. Spending too much time using technology causes .... [القاهرة - الساحل ٢٠٢٤]
   a. eye strain　b. permanent activity　c. positive results　d. privacy
2. One of the .... effects of the internet is that you can find information in an easy and fast way. [الأزهر الشريف - الجيزه - الدق ٢٠٢٤]
   a. positive　b. harmful　c. negative　d. cons
3. .... may publish inaccurate, immoral, and harmful material. [الدقهلية - منية النصر ٢٠٢٣]
   a. Opinions　b. Banned sites　c. Passwords　d. Profiles
4. Before posting any information on social media, ask yourself, ... ? [الفيوم - غرب الفيوم ٢٠٢٣]
   a. do you harm anyone　b. is its content good
   c. is this post kind　d. all of them

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Headache and eye strain are two of the positive effects of ICT. [الجيزة - ٦ أكتوبر ٢٠٢٤] (　)
2. You must take permission of someone who you want to tag. [الجيزة - الهرم ٢٠٢٣] (　)
3. One of the advantages [مميزات] of ICT is that you can upload and download files. [الجيزة - كرداسة ٢٠٢٤] (　)
4. From negative consequences of ICT tools is that you may come across something online that upset you. [الأزهر الشريف - الدقهلية - منية النصر ٢٠٢٤] (　)
5. One of the Negative effects of ICT tools is communicate with friends all over the world. (　)
6. Always respect the law when using the internet. [الغربية - سمنود ٢٠٢٤] (　)
7. When you share information, its source must be unknown. [الإسماعيلية - التل ٢٠٢٣] (　)

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. When you .... someone, you identify that person in a post.
   a. tag　b. block　c. read　d. unfollow

2. You can read the news with just a click of the mouse is from the .... effects of using ICT tools .
   a. negative b. positive c. enjoying d. bad
3. While using ICT tools, you should be ....
   a. harmful b. responsible c. angry d. sad
4. Before publishing any information on social networking sites, it is important to .... the source of this information.
   a. verify b. ignore c. share d. delete

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. You can communicate with friends and family anywhere in the world by using ICT tools. ( )
2. Banned sites may publish accurate, moral, and useful material. ( )
3. You shouldn't ask your teacher or a family member before you go on a new site and browse it. ( )
4. ICT tools have become a wonderful part of everyday life. ( )
5. It is important to credit sources when you are looking for information to post it. ( )
6. It is OK when go on banned sites. ( )
7. ICT tools have positive effects all the time. ( )

للتدريب فقط

3 Complete the following sentences with the appropriate words between brackets.

(tools – positive – ask them permission first)

1. You should use ICT .... wisely and ethically.
2. ICT tools have .... and negative effects.
3. When you post on social media and tag your friends make sure to ....

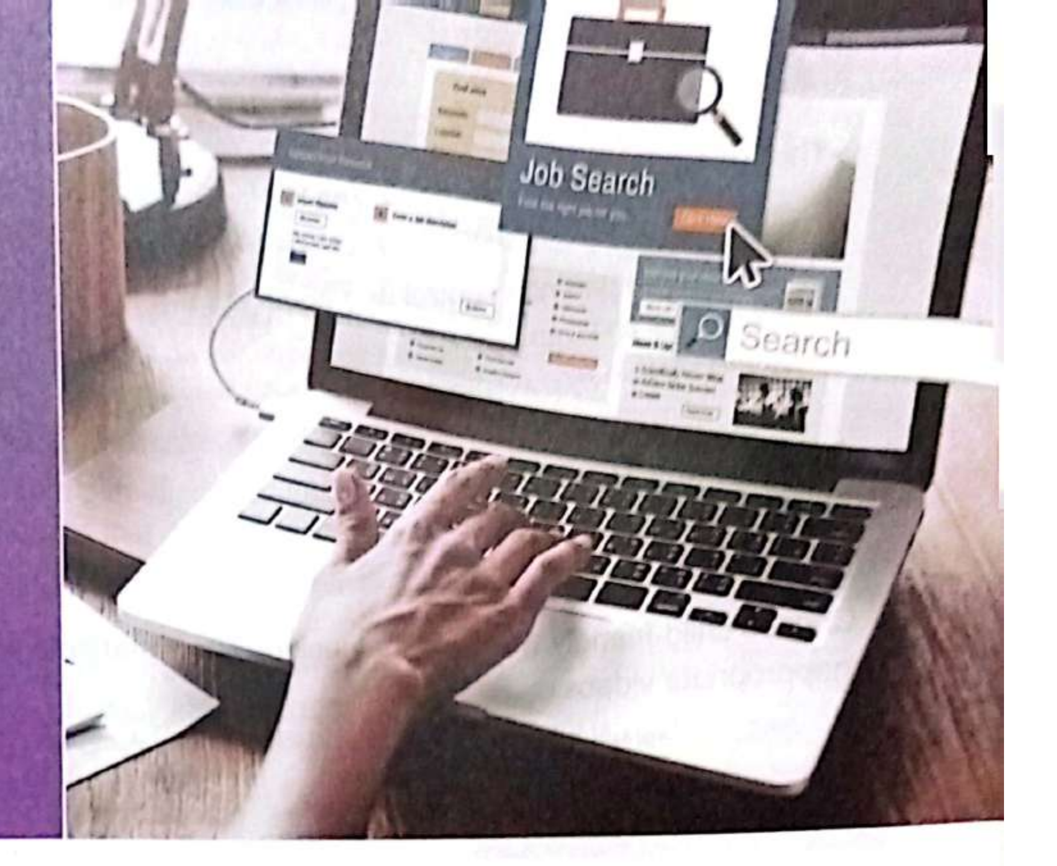
4 Rearrange the following so you can tag a friend in a post.

a. Identify in a post. ( )
b. complete your post and share it. ( )
c. Ask your friend permission that you respect his/her privacy. ( )

قم بتلوين الدائرة باللون المناسب لمستواك.



How to search online



Learn

It's good to take advantage of the safety features of browsers you choose to do research on. من الجيد أن الميزة للمسميات الآمنة للمتصفحات الى قمت باختيارها لإجراء البحث.

Searching Safely البحث بطريقة آمنة



Choose browsers that warn users when they're about to enter an unsafe site or download a harmful app.

اختر المتصفحات التي تحذر المستخدمين عندما يكونوا على وشك الدخول إلى موقع غير آمن أو تنزيل تطبيق ضار.

If you get a warning message إذا تلقيت رسالة تحذير



- Be sure to show your teacher or a family member.
  تأكد من عرضها على معلمك أو أحد أفراد أسرتك.
- Do not proceed to the site or with the download.
  لا تتابع عملية الدخول إلى الموقع أو عملية التنزيل.



- Some popular browsers have search engines set up just for children.
  بعض المتصفحات المعروفة لديها محركات بحث معده للأطفال فقط.
- They will only show results that are age-appropriate.
  سوف يعرضون فقط النتائج المناسبة للعمر.

browser	متصفح	set up	معدة	show	يعرض/يظهر	enter	يدخل
app	تطبيق	warn	تحذير	result	نتيجة	harmful	ضار
proceed	يتابع	popular	معروف	appropriate	مناسبة	search engines	محركات بحث



- This will help phrases, not just a couple of words.
سيساعدك هذا في الحصول على نتائج أفضل

- They include a parental control app and helpful safety tips for children.
تتضمن هذه المتصفحات تطبيقًا يتيح للوالدين مراقبة أطفالهم ونصائح مفيدة مرتبطة بأمان الأطفال.

- It's fun to watch videos online. A particular website might not be dangerous, but it might contain material you shouldn't view.
من الممتع مشاهدة مقاطع الفيديو عبر الإنترنت ، قد لا يكون موقع ويب معين خطيراً، ولكنه به محتويات لا يجب عرضها.

- Choose child-friendly websites that include filters that help you avoid clicking on inappropriate videos.
اختر المواقع الملائمة للأطفال والتي تتضمن عوامل تصفية تساعدك على تجنب النقر على روابط لفيديوهات غير لائقة.

Searching smartly البحث بطريقة ذكية

Use longer phrases : استخدم عبارات أطول



- Type longer phrases, not just a couple of words.
اكتب جملاً طويلة بدلاً من الاكتفاء بكلمتين أو ثلاث.

This will help you get better results.
سيساعدك هذا فى الحصول علي نتائج افضل.

Don't use too general keywords :
لا تستخدم كلمات مفتاحية عامة وشائعة جداً



- If your keywords are too general.
اذا كانت الكلمات المفتاحية التى تستعملها عامة وشائعة جداً.

Many of the results will not be relevant to your search.
ستحصل على العديد من النتائج ولن تكون ذات صلة بموضوع بحثك.

Example:



There is an animal called a jaguar. There is also a car brand called Jaguar. If you type in "jaguar" you may get advertisements for a car! To avoid this type "jaguar animal". "If you were interested in where jaguars live you could type "jaguar – animal – habitat".

هناك حيوان يسمى جاكوار، هناك أيضا ماركة سيارة تسمى جاكوار، إذا قمت بكتابة كلمة "جاكوار" فقد تحصل على إعلانات لسيارة! لتجنب ذلك، اكتب "حيوان جاكوار". إذا كنت مهتماً بالمكان الذي يعيش فيه النمور يمكنك كتابة "موطن حيوان جاكوار".

particular	معين/خاص	parental control	رقابة أبوية	relevant	ذات صلة	avoid	يبتعد/يتجنب
general	عام	child-friendly	مناسب للأطفال	filter	تصفية		





▶ **Choose the correct answer from a, b, c or d.**

1. If you get a .... message, be sure to show a family member.
   a. showing **b.** including **c.** warning **d.** text
2. If your keywords are too general, you will get too many ....
   a. results **b.** filters **c.** phrases **d.** messages
3. Choose .... website that includes filters.
   a. child-friendly **b.** browser **c.** search engine **d.** video site

If you are searching for information on an image :

إذا كنت تبحث عن معلومات عن صورة :

Use the image instead of words in your search. استخدم الصورة بدلاً من الكلمات في بحثك.	Use the camera button, and add your image. استخدم زر الكاميرا وأضف صورتك.	Your teacher can help you. يمكن لمعلمك مساعدتك.



Steps to search for information

خطوات البحث عن المعلومات

- Many search engines ignore some words like (the, and, how, where, or).

تتجاهل العديد من محركات البحث بعض الكلمات مثل (كيف، أين، أو).

If you need these words to be included in your search,
إذا كنت تحتاج إلى تضمين هذه الكلمات في البحث الخاص بك،
→ add a (+) sign before the word.
أضف علامة (+) قبل الكلمة.

To avoid getting unwanted or unnecessary results,
لتجنب الحصول على نتائج غير مرغوب فيها أو غير ضرورية،
→ add a (–) sign before words you would like the search engine to avoid.
أضف (–) قبل الكلمات التي ترغب محرك البحث في تجنبها.

If you are searching for a particular phrase,
إذا كنت تبحث عن عبارة معنية،
→ put the phrase inside quotation marks " ".
ضع العبارة داخل علامات التنصيص " ".

image	صورة	instead of	بدلاً من	button	زر
ignore	يتجاهل	sign	علامة	unwanted	غير مرغوب
unnecessary	غير ضرورية	quotation marks	علامات التنصيص	put	يضع

- This will help narrow your search to the exact wording.

- هذا يساعدك على اختيار النتائج التى ستحصل عليها، وحصرها فى هذه الصيغة المحددة

Read and identify. أقرأ وتعرف.

Word الكلمة	Definition التعريف
Browser المتصفح	a software application that is used for accessing information on the internet أحد التطبيقات المستخدمة للوصول إلى المعلومات على الإنترنت
Search engine محرك البحث	a software application that carries out web searches أحد التطبيقات التى تجرى عمليات بحث على شبكة الإنترنت
Results نتائج	a list that is compiled based on a search قائمة تم تجميعها بناءً على بحث

05 Pop Quiz

1 Choose the correct answer from a, b, c or d.

1. Many search engines .... some words like (the, and, how, where, or)
   a. warn **b.** need **c.** ignore **d.** write

2. 🕮 If you are searching for information on an image, use the .... in your search.
   a. image **b.** video **c.** words **d.** letters

2 Read and write the name of the app.

1. A software application that is used for accessing information on the internet. (............................)
2. A software application that carries out web searches. (............................)
3. 🕮 A list that is compiled based on a search. (............................)





استمع إلى ملخص الدرس





Lesson Summary

- Some popular browsers have search engines set up just for children.

  بعض المتصفحات المعروفة لديها محركات بحث معدة للأطفال فقط.

- These browsers include a parental control app and helpful safety tips for children.

  تتضمن هذه المتصفحات تطبيقات للرقابة الأبوية ونصائح أمان مفيدة للأطفال.

- A particular website might contain material you shouldn't view.

  يمكن أن يحتوى أحد المواقع على مواد لا يجب عرضها.

- To get better results, type longer phrases, not just a couple of words.

  للحصول على نتائج أفضل، اكتب عبارات أطول وليس بضع كلمات.

- If you are searching for information on an image, use the camera button.

  إذا كنت تبحث عن معلومات عن صورة، استخدم زر الكاميرا وأضف صورتك.

- If you are searching for a particular phrase, put the phrase inside quotation marks.

  إذا كنت تبحث عن عبارة معينة، ضع العبارة داخل علامات تنصيص

- A browser is a software application that is used for accessing information on the internet.

  المتصفح هو أحد التطبيقات المستخدمة للوصول إلى المعلومات على الانترنت.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
How to search online	child-friendly	choose child-friendly websites that include filters that help you avoid clicking on inappropriate videos.
	appropriate	Some browsers will only show results that are age-appropriate.
	search	Add(+) sign before the word if you need these words to be included in your search.
	engine	Add(–) before words you would like the search engine to avoid.

General Exercises

On Lesson Four

يمكنك حل التدريب وتصويبه إلكترونيا

ممتاز | جيد جدا | جيد | غير جيد

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. To search for an exact sentence, we put the sentence between ....
   a. +   b. " "   c. –   d. @

   [الشرقية - الشرقية ٢٠٢٣] / [سوهاج - المنشأه ٢٠٢٤]

2. We can use .... to search for information on the internet.
   a. results   b. words   c. search engines   d. videos

   [سوهاج - البلينا ٢٠٢٤] / [الأزهر الشريف - بنى سويف ٢٠٢٣]

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. You should choose the browser that sends warning to users. [المنيا - المنيا ٢٠٢٣] (   )
2. Choosing search words can't help us get the required search results. [الشرقية - الحسينية ٢٠٢٤] (   )
3. Pictures can be used instead of words in the search process. [السويس - الجناين ٢٠٢٣] (   )
4. Sign (+) can be added before the word you want to appear in your search results. [الأزهر الشريف - الإسكندرية - المنتزه ٢٠٢٤] (   )
5. Add (–) before the words you need to be included in your search. [الدقهلية - بلقاس ٢٠٢٤] (   )

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. Choose the .... that includes filters and can avoid clicking inappropriate videos.
   a. child-friendly website   b. home page   c. both (a) and (b)   d. none of them
2. When searching, type .... when your keywords are too general.
   a. long phrases   b. short phrases   c. short keyword   d. one word only
3. The operator .... sign is used to join and add two words.
   a. (*)   b. (+)   c. (–)   d. @
4. The operator .... sign is used to exclude one or more from the search results.
   a. (*)   b. (+)   c. (–)   d. (/)

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Be sure to take advantage of the safety features of browsers you choose to do searches on. (   )



2. From the precautions of using the internet, don't proceed to the site or with download if you get a warning message from the browser. ( )
3. When using the internet, choose child-friendly websites that include filters for unsafe links. ( )
4. It's fun to watch videos online. But some website might contain materials you shouldn't view. ( )
5. You can't search by using images instead of words. ( )
6. The search engine is a software application that is used to for accessing information on the internet. ( )

للتدريب فقط

3 **Complete the following sentences with the appropriate words between brackets.**

(image – quotation marks - Browser)

1. .... is a software application that is used for accessing information on the internet.
2. If you are looking for information about specific ...., you can use the image instead of words in your search.
3. To get specific search results, you have to add .... to the sentence.

4 **Match.**

(A)	(B)
1. They are used to access on the internet.	☐ a. type long phrases.
2. To get better results	☐ b. a list that is compiled based on search.
3. Results are	☐ c. Browsers

5 **Read and circle the correct one.**

My little sister asks me how to be (safe / unsafe) online. I advice her to choose browsers that (don't tell / warn) users when they're about to enter an unsafe site.

6 **Read and write the app.**

1. A software application that is used for browsing internet sites. (................)
2. A software that is used to search on the internet. (................)
3. A kind of websites that includes filters for unsafe links. (................)
4. A list that is compiled based a search. (................)

قم بتلوين الدائرة باللون المناسب لمستواك.

Revision

on Lessons 3 & 4

مراجعة عامة على الدرسين الثالث والرابع فى ورقة واحدة



Lesson 3 : Using ICT tools in a healthy and ethical way

Posting online

- When you tag someone, you identify that person in a post, photo, or video.
- Anyone who has access to your account can see the tag.
- The tag provides a link to the person's profile.
- When you post on social media and tag your friends :

1. Make sure to ask them permission first. It shows that you respect their privacy.
2. Before you post something, ask yourself, is this post kind ? Might it be hurtful to others ? If you are unsure, don't post it.

Crediting others

- When you're looking for information to post online or to include in a PowerPoint presentation, it's important to :

- credit sources that provide you with information that you share with other.
- know where the information you are sharing came from.

Lesson 4 : How to search online

Searching safely

- Choose browsers that warn users when they're about to enter an unsafe site or download a harmful app.
- If you get a warning messages :

1. Be sure to show your teacher.
2. Don't proceed to the site or with the download.

Searching smartly

- Type longer phrases, not just a couple of words.
- If your keywords are too general, you will get too many results. Many of the results will not be relevant to your search.
- If you are searching for information on an image

1. Use the image instead of words in your search.
2. Use the camera button, and add your image.
3. Your teacher can help you.

Accumulative Test

On Lessons 1,2,3 & 4



اختبـار تراكمـى من الدرس الأول للدرس الرابع.

1 Choose the correct answer from a, b, c or d.

1. When you go online choose .... that warn users when they are about to enter unsafe sites.
   a. browser　b. hyperlink　c. keyboard　d. none of them
2. 📖 The tag provides a .... to the person's profile, to see the post.
   a. webpage　b. link　c. homepage　d. password
3. Before you post something ask yourself ....
   a. is this post kind ?　b. might it be hurtful to others ?
   c. both of a & b　d. none of them
4. Add the operator .... sign before words you would like the search engine to avoid.
   a. (*)　b. (+)　c. (–)　d. (/)
5. Virus can be found when you ....
   a. download a file from untrusted site.　b. open spam massage
   c. click unknown links　d. all of them
6. We can type a question into .... to find answer quickly and easily.
   a. search engine　b. encyclopedia　c. asking friend　d. none of them
7. One of the .... effects on social media is that you may watch something that upsets you.
   a. negative　b. positive　c. good　d. useful

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

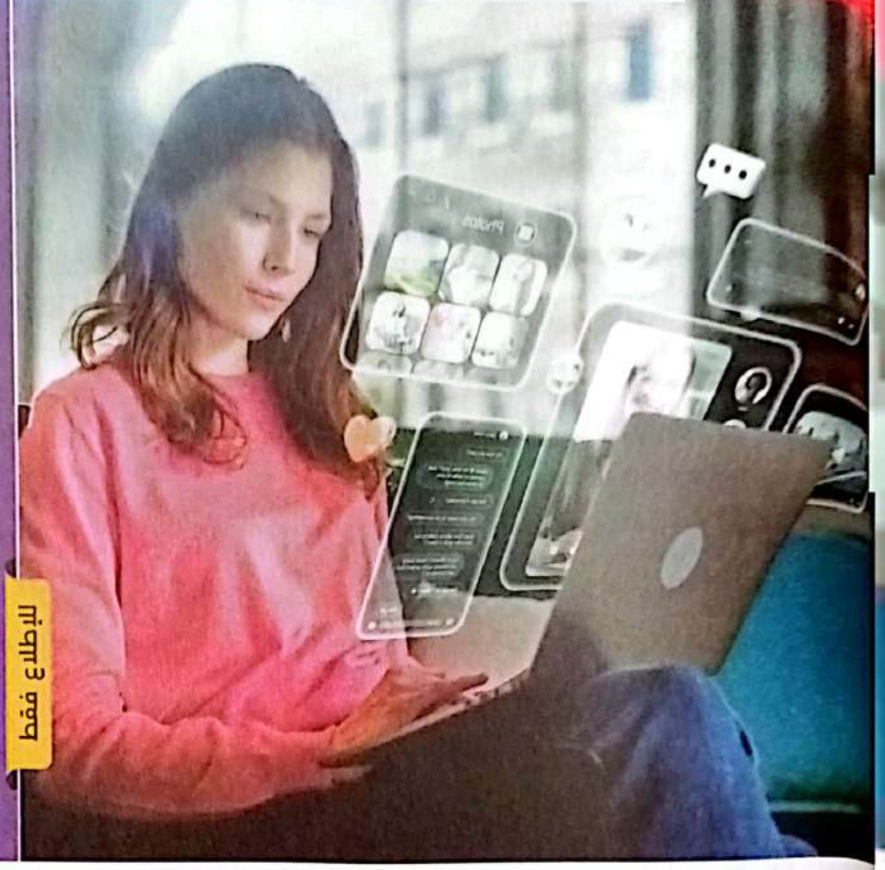
1. If you get a warning message during the download don't ask anyone for help. (   )
2. There is no child-friendly websites help them to avoid in appropriate videos. (   )
3. 📖 Media sources can use the internet to communicate important messages. (   )
4. It is not important to test information that you get online. (   )
5. 📖 The tablet is one of the devices through which you can access the internet. (   )
6. When you block someone, that person won't see what you post. (   )
7. Viruses can damage your computer. (   )
8. Add (+) sign before words you would like the search engine to avoid. (   )



يمكنك المراجعة باستمرار (تراكمية)
من خلال الصفحة السابقة.

LESSON 5

How to check whether information online is true



للإطلاع فقط

Learn

- There are countless online sources that provide valuable information. However, not all online sources are reliable.

هناك عدد لا يحصى من المصادر على الإنترنت التي توفر معلومات قيمة ومع ذلك، ليست كل المصادر عبر الإنترنت موثوقة.



Online Sources

Reliable

Such as :

Websites run by :

- government
- agencies
- non-profit organizations
- colleges
- universalities

Include :

- credible information



Unreliable

Such as :

- social media apps
- Wiki
- blogs

Include :

- opinions
- lies
- errors



colleges	جامعات	universities	جامعات	reliable	موثوق	credible	يُصَدّق
countless	لا يحصى	valuable	قيم	blogs	مدونات	social media	مواقع التواصل الاجتماعي
errors	أخطاء	lies	أكاذيب	apps	تطبيقات	opinions	آراء



Confirming reliable sources التأكد من المصادر الموثوقة

- **Date :** Check to make sure the date of the publication is current. تأكد من أن تاريخ النشر حديث.
- **Auther :** Check the authors – who are they ? are they experts in their field ?
  تحقق من المؤلفين - من هم ؟ هل هم خبراء في مجالهم ؟
- **Asking for help :** Ask your teacher or a family member to help you check.
  اطلب من معلمك أو من أحد أفراد أسرتك المساعدة في التأكد من ذلك.



Websites مواقع الكترونية	The types of groups that run them أنواع المجموعات التي تديرها
Gov.eg	Governmental sites المواقع الحكومية
Org.eg	Egyptian organizations/ non – profit organizations منظمات مصرية/ منظمات غير ربحية
Edu.eg	Egyptian Educational sites (colleges and universities) مواقع تعليمية مصرية (كليات وجامعات)
Com	Businesses commercial sites المواقع التجارية



Pop Quiz

▸ Choose the correct answer from a, b, c or d.

1. To confirm reliable sources, check the .... of publication.
   a. name **b.** job **c.** date **d.** address
2. 🕮 Wiki sources and blogs aren't ....
   a. reliable **b.** unreliable **c.** incredible **d.** untrue

date	تاريخ	well-written	مكتوب بشكل جيد	professional	احترافي
author	مؤلف	current	الحالي	organization	منظمات
publication	النشر	mistakes	أخطاء	sources	مصادر

The Egyptian Knowledge Bank بنك المعرفة المصري



Egyptian Knowledge Bank
بنك المعرفة المصري

- The Egyptian government is doing its best to protect its citizens from unreliable online sources.
  تبذل الحكومة المصرية قصارى جهدها لحماية مواطنيها من مصادر الإنترنت غير الموثوقة.

- In January 2016, the Egyptian Knowledge Bank (EKB) offered free access to their library to Egyptian citizens
  في يناير ٢٠١٦، قدم بنك المعرفة المصرى (EKB) للمواطنين المصريين الدخول المجانى إلى مكتبته.

- The library contains materials on various subjects. تحتوى المكتبة على مواد تضم موضوعات متنوعة.

- All information has been verified as accurate. تم التحقق من دقة جميع المعلومات.

- You can feel confident that the information provided by the (EKB) is reliable.
  يمكنك أن تثق في مصداقية المعلومات المقدمة من بنك المعرفة المصري.

Researching online can be a lot of fun, but it can also be challenging.
يمكن أن يكون البحث عبر الإنترنت ممتعاً للغاية، ولكنه قد يكون أيضاً صعباً.

Remember :

Knowledge is power. Use what you learned here to help you determine if an online source is reliable or not.

تذكر : المعرفة قوة. استخدم ما تعلمته هنا لمساعدتك في تحديد ما إذا كان المصدر عبر الإنترنت موثوقاً أم لا.

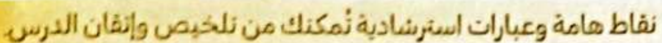
government	حكومة	citizen	مواطن	offer	يعرض - يقدم
library	مكتبة	various	متنوع	confident	ثقة

Stop here !





استمع الى
ملخص الدرس



نقاط هامة وعبارات استرشادية تمكنك من تلخيص وإتقان الدرس.



Lesson Summary

- There are countless online sources that provide valuable information.
  هناك عدد لا يحصى من المصادر على الإنترنت التي توفر معلومات قيمة.
- Social media can connect you to information you may be looking for.
  يمكن لتطبيقات مواقع التواصل الاجتماعي توصيلك بالمعلومات التي تبحث عنها.
- Wiki sources and blogs aren't reliable. مصادر (Wiki) والمدونات غير موثوق بها.
- A reliable source will be well – written. المصادر الموثوق بها ستكون مكتوبة بشكل جيد.
- A reliable source will be with almost no mistakes.
  المصادر الموثوق منها سوف تكون تقريباً بلا أخطاء.
- When reviewing online sources, check to make sure the date of the publication is current. عند مراجعة المصادر عبر الإنترنت ، تحقق من تاريخ المنشور إذا كان حديث.
- The Egyptian Knowledge Bank (EKB) offers free access to their library to Egyptian citizens. قدم بنك المعرفة المصري الوصول المجاني إلى المكتبة للمواطنين المصريين.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
How to check whether information online is true	teacher – check	Ask your teacher or a family member to help you check the reliable sources.
	library – various	The library contains materials on various subjects.
	online – fun	Researching Online can be a lot of fun, but it can also be challenging.
	confident – EKB	You can feel confident that the information provided by the EKB is reliable.

General Exercises

On Lesson Five



▸ If you got 🔴 you need to revise the lesson again.

🔵 ممتاز 🟢 جيد جدا 🟡 جيد 🔴 غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. .... is considered from unreliable digital sources. [الأزهر الشريف - المنيا - المنيا ٢٠٢٣]
   a. Wiki b. EKB c. GOV d. Org
2. Egyptian Knowledge Bank (EKB) is one of .... [القاهرة - الشروق ٢٠٢٣]
   a. banned sites b. reliable online sources
   c. chatting programs d. businesses commercial sites
3. The websites whose links (.gov) is .... source on the internet. [الجيزة - كرداسة ٢٠٢٣]
   a. unreliable b. reliable c. banned d. unwanted

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Social media is the best to reach accurate information. [المنيا - دير مواس ٢٠٢٣] ( )
2. Unreliable source sites look professional and well written. [الغربية - شرق المحلة ٢٠٢٣] ( )
3. The websites that end with (.com) are trusted websites. [الأزهر الشريف - الشرقية ٢٠٢٣] ( )
4. The information written by experts is trusted. [القاهرة - الخليفة والمقطم ٢٠٢٣] ( )

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. The information that includes opinions, errors, or even lies is called ....
   a. unreliable b. reliable c. trusted d. verified
2. The information that includes opinions, errors, or even lies may come from ....
   a. social media b. Facebook c. blogs b. all of them
3. Wiki sources and blogs are from .... sources.
   a. unreliable b. reliable c. trusted d. credible
4. .... which end with (.com) are trusted sites.
   a. Websites b. Tablets c. Laptops d. Cameras

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Websites with (.gov), (.org), and (edu) can be particularly reliable. ( )
2. The EKB offers paid access to their library to Egyptian citizens. ( )

3. Site ended with (.edu) is an educational one. ( )
4. (Org.eg) are educational sites which are run by colleges and universities. ( )

للتدريب فقط

3 Match.

(A) Domains	(B) Types of Groups
1. Gov.eg	☐ a. Egyptian organizations
2. Org.eg	☐ b. Governmental sites
3. Com	☐ c. Educational sites
4. Edu.eg	☐ d. Commercial sites

4 Complete the following sentences with the appropriate words between the brackets.

(Unreliable - social media - Edu - EKB)

1. .... offers free access to their library to Egyptian citizen.
2. .... means educational website.
3. The information that includes opinions, errors, or even lies may come from .... sources.

5 Rearrange the following steps for reviewing online sources.

a. Check the authors, are they expert in their field ? ( )
b. Ask your teacher or a family member to help you to check websites. ( )
c. Check the date of the publication answer. ( )

6 Read and write the name of websites.

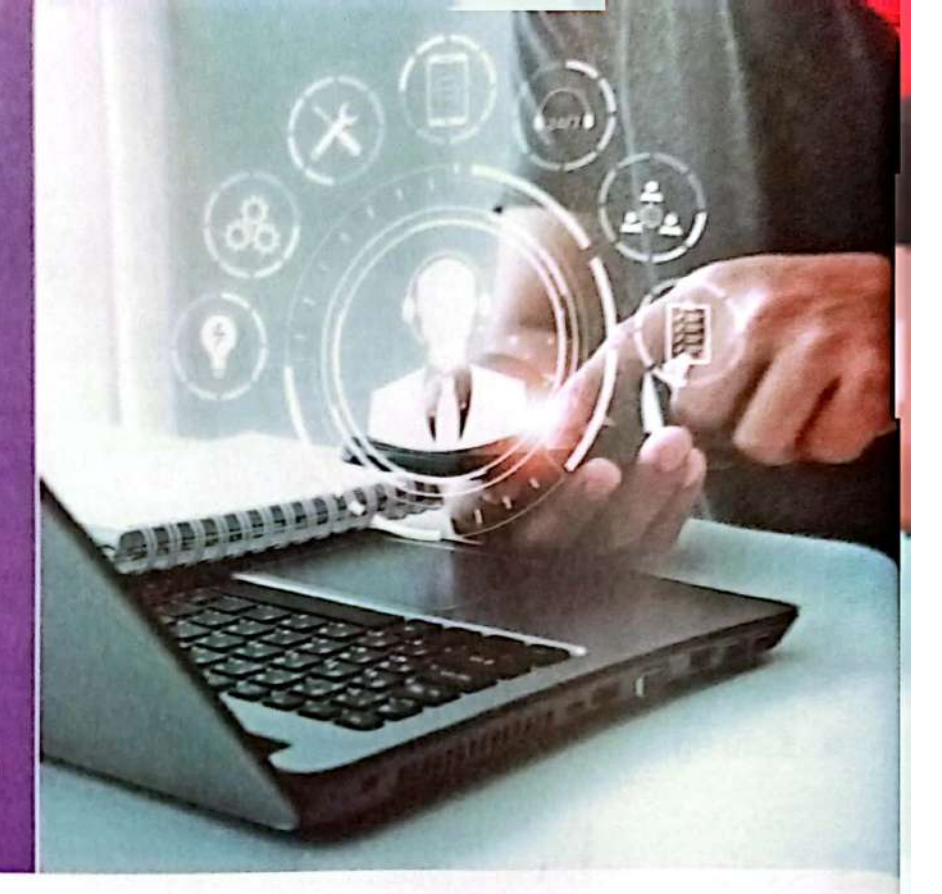
1. The website of Governmental sites. ( )
2. The website for Egyptian organization. ( )
3. The website for Egyptian Educational sites. ( )
4. The website for Businesses commercial sites. ( )

قم بتلوين الدائرة باللون المناسب لمستواك. ◯



LESSON 6

Who can help you with online problems ?



Learn

Bullying : التنمر:

- Is repeated unkind behavior towards someone. هو سلوك غير لطيف يتكرر تجاه شخص ما.

Online bullying التنمر عبر الإنترنت

- Online bullying can include mean posts, messages, or texts. They may be shared with just you or with others, too.

يمكن أن يشمل التنمر عبر الإنترنت المنشورات أو الرسائل أو النصوص السيئة .قد يتم مشاركتها معك وحدك أو مع الآخرين أيضاً.

- Our devices are always with us, so it can be hard to escape this kind of bullying. This may make you feel trapped.

أجهزتنا معنا دائماً، لذلك قد يكون من الصعب الهروب من هذا النوع من التنمر فهذا يجعلك تشعر أنك محاصر.

How to avoid online bullying
كيفية تجنب التنمر عبر الإنترنت

- Make sure not to contact anyone you don't know.
  تأكد من عدم الاتصال بأي شخص لا تعرفه
- Ask your teacher or a family member for help in any situation that may be dangerous to you.
  اسأل معلمك أو أفراد الأسرة للمساعدة في أي موقف قد يكون خطيرا عليك

bully	تنمر	behavior	سلوك	device	جهاز
escape	يهرب	trapped	محاصر	avoid	يتجنب



Online identity theft سرقة الهوية عبر الإنترنت

You may get stolen online
قد تتعرض للسرقة عبر الإنترنت

Your identity. هويتك	A family member's identity. هوية أحد أفراد الأسرة

▸ When you get stolen: عندما تُسرق

1. Someone uses your personal information.
شخص ما يستخدم معلوماتك الشخصية.

2. They may have access to your social media accounts.
قد يكون لديهم حق الوصول إلى حسابات وسائل التواصل الاجتماعي الخاصة بك.

3. They could see your address, email or phone number.
يمكنهم رؤية عنوانك او بريدك الإلكتروني او رقم هاتفك.





Pop Quiz

▸ **Choose the correct answer from a, b, c or d.**

1. Your identity may get .... online
 a. closed **b.** stolen **c.** opened **d.** caught
2. When you get stolen, they may have access to your social media ....
 a. accounts **b.** phones **c.** emails **d.** tablets

Online Problems مشاكل عبر الإنترنت

- Online problems are common and they can be scary and make you feel helpless.
المشاكل عبر الإنترنت شائعة يمكن أن تكون مخيفة وتجعلك تشعر بالعجز.
- You can always get help. No matter how embarrassed or scared you may feel, tell a person you trust.
يمكنك دائماً الحصول على المساعدة. مهما كانت درجة إحراجك أو خوفك فعليك أن تخبر شخصًا تثق فيه.
- Your local police department and the Egyptian government are dedicated to protecting you, too!
قسم الشرطة في منطقتك والحكومة المصرية يكرسون مجهودهم لحمايتك أيضاً !

stolen	مسروق	identity	هوية	theft	سرقة
personal	شخصي	account	حساب	address	عنوان
common	شائع	scary	مخيف	helpless	عاجز
embarrassed	محرج	dedicated	مكرس - مُلزم	local police	الشرطة المحلية

▸ What can you do about online problems?

ماذا يمكنك أن تفعل حيال مشاكل الإنترنت ؟

- You don't have to solve online problems on your own.

لست مضطراً إلى حل المشكلات عبر الإنترنت بمفردك.

- When you face online problems, be sure to talk to your teacher or a family member about them.

عندما تواجههم ، تأكد من التحدث إلى معلمك أو أحد أفراد أسرتك حول هذا الموضوع.

- Family members may feel that people in authority should get involved. This can include the police or the General Department for Combating Internet Crimes in Egypt.

قد يشعر أحد أفراد أسرتك بضرورة تدخل السلطات المختصة. يمكن أن يشمل ذلك الشرطة أو الإدارة العامة لمكافحة جرائم الإنترنت في مصر.



Pop Quiz

1 **Choose the correct answer from a, b, c or d.**

1. Online .... can be scary and make you feel helpless.
   a. boxes b. problems c. lessons d. programmes

2. Online problems are ....
   a. available b. trusted c. common d. secret

2 **Read and tick (✓) the correct one.**

1. Bullying
   - ☐ is a device we use to send messages.
   - ☐ is unkind behavior towards someone.

2. The identity
   - ☐ is the personal information. ☐ is a website.

3. Online theft is
   - ☐ to get prizes online. ☐ to be stolen online.

Stop here !





استمع إلى ملخص الدرس

نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

Lesson Summary



- Bullying is repeated unkind behavior towards someone.

التنمر سلوك قاسى متكرر تجاه شخص ما.

- Online bullying can include mean posts, messages, or texts.

يمكن أن يتضمن التنمر عبر الإنترنت المنشورات أو الرسائل أو النصوص السيئة.

- To avoid online bullying, make sure not to contact anyone you don't know.

لتجنب التنمر عبر الإنترنت ، تأكد من عدم الاتصال بأى شخص لا تعرفة.

- Your identity, or a family member's identity may get stolen online.

قد تتعرض لسرقة هويتك أو هوية أحد أفراد الأسرة.

- When you get stolen, someone uses your personal information.

عندما تسرق ، شخص ما يستخدم معلوماتك الشخصية.

- Online problems are common. المشاكل عبر الإنترنت شائعة.
- You don't have to solve online problems on your own.

لست مضطراً على حل المشكلات عبر الإنترنت بمفردك.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Who can help you with online problems ?	sure – contact	Make sure not to contact anyone you don't know.
	see – address	They could see your address, email or phone number.
	scary – helpless	Online problems can be scary and make you feel helpless.
	face – family member	When you face online problems, be sure to talk to your teacher or a family member about them.

General Exercises

On Lesson Six

يمكنك حل التدريب وتصويبه الكترونيا

ممتاز | جيد جدا | جيد | غير جيد

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. .... in Egypt is responsible for dealing with all kinds of internet crimes.
   a. The ministry of health
   b. The ministry of communication
   c. The General Department for Combating Internet Crimes
   d. The ministry of education (المنيا - مطاى - ٢٠٢٣)

2. Online bullying can include .... (الأزهر الشريف - البحيرة - الدلنجات ٢٠٢٤)
   a. text messages b. messages include threats
   c. posts d. all of them

3. A bully is a .... person. (القاهرة - مصر القديمة ٢٠٢٤)
   a. good b. smart c. active d. bad

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Bullying is repeated unkind behavior towards someone. (الدقهلية - منية النصر ٢٠٢٣) (   )
2. Communicating with an unknown person may expose you to bullying. (الأزهر الشريف - بني سويف - ببا ٢٠٢٤) (   )
3. The best way to avoid internet problems is not to use internet. (سوهاج - البلينا ٢٠٢٤) (   )
4. The Egyptian government is dedicated to protecting you from online problems. (الشرقية - كفر صقر ٢٠٢٣) (   )

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. Online bullying can include mean ....
   a. posts b. messages c. texts d. all of them

2. When someone steals your account on social media, it means that you have been exposed to ....
   a. refreshing your account b. identity theft
   c. updating your account d. copying your account

3. If your identity gets stolen online ....
   a. they may use your personal information b. they could see your homework
   c. they may help you d. none of them



4. If you find your personal data on another account on social media, this means ....
   a. bullying b. identity theft c. normal use d. browsing

5. If you find an inappropriate image when browsing the Internet, the best action is ....
   a. not dealing with the Internet
   b. closing the device immediately and do not use it again
   c. closing the website and then take your teacher's opinion
   d. none of them

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. When there are problems related to dealing with the social network, the Internet police can be resorted to. ( )
2. Online bullying can include text messages only. ( )
3. Bullying is repeated unkind behavior towards someone. ( )
4. One of the ways to avoid online bullying, make sure not to contact anyone you don't know. ( )
5. Don't ask your teacher or a family member before contacting with unknown people on the internet. ( )
6. Online problems are easy to solve. ( )

للتدريب فقط

3 Complete the following sentences with the appropriate words between brackets.

(problems – address - Online bullying)

1. .... is a repeated unkind behavior towards someone.
2. Online .... are common and you can always get help.
3. When you get stolen, someone can see your email and personal ....

4 Match.

(A)		(B)
1. Online problems	☐	a. someone's attempt to seize your Personal information.
2. Identity theft	☐	b. someone uses your personal information.
3. When you get stolen	☐	c. educational sites.
	☐	d. are common.

قم بتلوين الدائرة باللون المناسب لمستواك.





on Lessons 5 & 6

مراجعة عامة على الدرسين الخامس والسادس فى ورقة واحدة.

Lesson 5 : How to check whether information online is true

Confirming reliable sources

- Make sure the date of the publication is current.
- Check the authors.
- Ask your teacher to help you check the sources.

The Egyptian knowledge Bank

- All information has been verified as accurate.
- You can feel confident that the information is reliable.
- The library contains materials on various subject.

Lesson 6 : Who can help you with online problems ?

Online Bullying

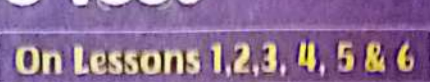
Bullying:

- Is repeated unkind behavior towards someone.
- Online bullying can include mean posts, messages, or texts. They may be shared with just you or with others, too.
- Our devices are always with us, so it can be hard to escape this kind of bullying.
  This may make you feel trapped.
- How to avoid online bullying :
  - Make sure not to contact anyone you don't know.
  - Ask your teacher or a family member for help in any situation that may be dangerous to you.

Online problems

- They are common.
- They can be scary and make you feel upset.
- You can always get help. No matter how embarrassed or scared you may feel tell a person you trust.
- Your local police department and the Egyptian government are dedicated to protecting you, too !

Accumulative Test





اختبار تراكمي من الدرس الأول للدرس السادس.

1 Choose the correct answer from a, b, c or d.

1. 🕮 .... is repeated unkind behavior towards someone.
   a. Bullying   b. social media   c. Browsing   d. EKB
2. Online bullying can include all the following except mean ....
   a. posts   b. messages   c. texts   d. camera
3. .... may make you feel trapped.
   a. Bullying   b. Browsing   c. EKB   d. None of them
4. Unreliable information may include ....
   a. opinions   b. errors   c. lies   d. all of them
5. When confirming reliable sources check ....
   a. data of publication   b. who the anther is
   c. the computer version   d. both a & b
6. 🕮 The .... is a global network that connects millions of sets around the world.
   a. Computer   b. Router   c. Internet   d. Account
7. The .... is a type of E-mail, that contains unwanted message to advertise products.
   a. Spam message   b. Data message   c. Personal message   d. None of them

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. You can communicate with anyone, you don't know online. (   )
2. Your identity or a family members identity can not be stolen so feel free using internet without any rules. (   )
3. Social media always provides trusted information. (   )
4. You can't connect to the internet via mobile phone. (   )
5. Social media apps and websites can connect you to information you may be looking for on the internet about people. (   )
6. 🕮 EKB website is one of the unreliable sources. (   )
7. When you tag someone, you identify that person in a post. (   )
8. Browser is a software application that is used for accessing information on the internet. (   )

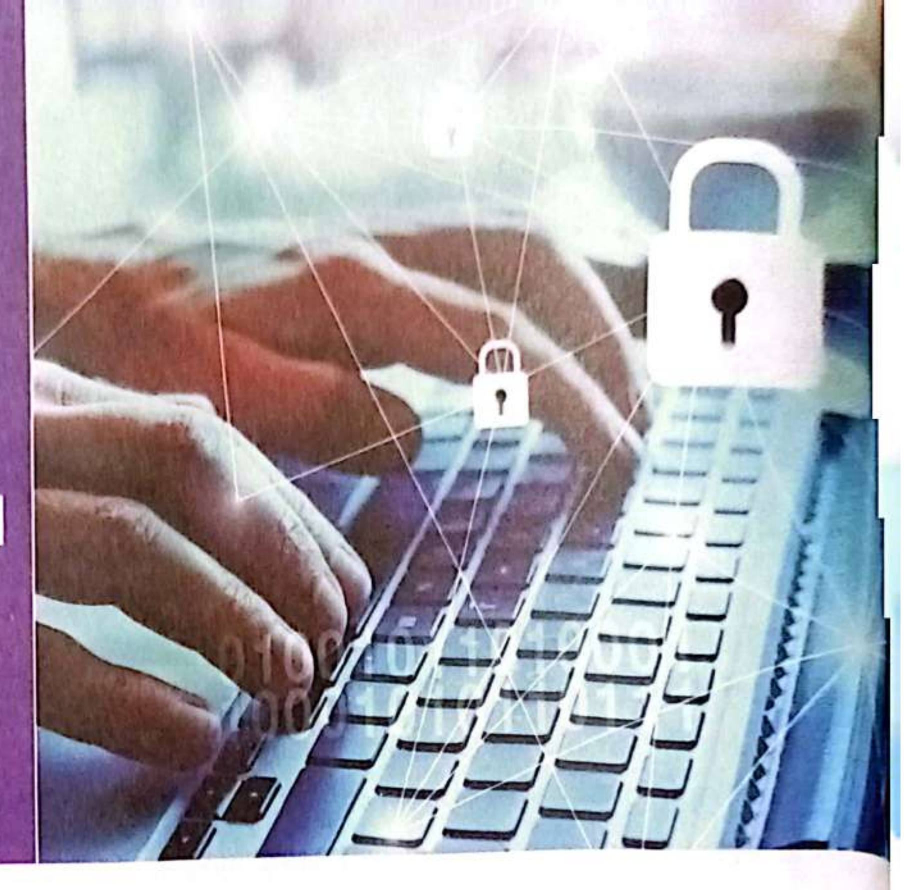


يمكنك المراجعة باستمرار (تراكمية)
من خلال الصفحة السابقة.



LESSON 7

My personal digital safety plan



Learn

• It is important to have strong passwords.

من المهم أن يكون لديك كلمات مرور قوية.

Why is important to have strong passwords ?

لماذا من المم أن يكون لديك كلمات مرور مهمة ؟

connected to address 112.3
username: **********
password: ************
Access granted...

• If your passwords are easy to guess, people can get into your computer or accounts.

إذا كان من السهل تخمين كلمات المرور الخاصة بك، فيمكن للأشخاص الدخول إلى جهاز الكمبيوتر والحسابات الخاصة بك.

• This is called hacking and the people who do it are called hackers.

هذا يسمى القرصنة والأشخاص الذين يقومون بذلك يطلق عليهم قراصنة.

What you should do to be safe :

❶ Don't use the same password for all your accounts.

لا تستخدم نفس كلمة المرور لجميع حساباتك.

→ If someone gets your password, they will be able to access your other accounts too.

إذا حصل شخص ما على كلمة مرورك، فسيكون قادراً على الوصول إلى حساباتك الأخرى أيضاً.



❷ Remember your passwords. لتذكر كلمات المرور الخاصة بك.

→ Use a password manager. استخدم مدير كلمات المرور.

create	ينشئ	guess	يخمن	strong	قوى	hacker	قرصان / مخترق	manager	مدير



3 Keep a list of your passwords in a safe place that only you and your teacher or a family member have access to.

احتفظ بقائمة كلمات المرور الخاصة بك في مكان آمن لا يمكن لأحد سواك أو معلمك أو أحد أفراد أسرتك الوصول إليه.

▸ How to create strong passwords ? كيفية إنشاء كلمات مرور قوية ؟

1 Your password **shouldn't include** your name or other personal details.

يجب ألا تتضمن كلمة المرور الخاصة بك اسمك أو تفاصيل شخصية أخرى.

2 Your password **should be at least** eight characters long.

يتكون كلمة المرور الخاصة بك من ثمانية أحرف على الأقل.

3 A strong password will include **letters**, **numbers**, and **special characters (@, ≠, $, x)**.

ستضمن كلمة المرور القوية أحرفاً وأرقاماً ورموز خاصة.

Example :

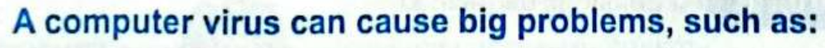


There is no special characters



Contain letters, numbers and special characters

Choosing anti-virus software اختيار برنامج مضاد للفيروسات



A computer virus can cause big problems, such as:

يمكن أن تسبب فيروس الكمبيوتر في حدوث مشكلات كبيرة مثل :

sending an email to everyone on your computer.

إرسال بريد إلكتروني إلى كل شخص على جهاز الكمبيوتر الخاص بك.



deleting your files.

حذف ملفاتك.

personal details	تفاصيل شخصية	at least	على الأقل	viruses	فيروسات	anti-virus	مضاد الفيروسات
list	قائمة	weak	ضعيف	delete	حذف		



- You should always protect your devices with anti-virus software. يجب عليك دائماً حماية أجهزتك ببرامج مكافحة الفيروسات.
- Choose a software that protects your device and is easy to use. اختر برنامجاً يحمي جهازك وسهل الاستخدام.
- A good anti-virus software catches viruses before they affect your device.
ترصد البرامج الجيدة لمكافحة الفيروسات، الفيروسات قبل أن تؤثر على جهازك.
- It can also remove viruses that have already affected your device.
يمكنك أيضاً إزالة الفيروسات التي أثرت بالفعل على جهازك.
- It can fix damaged files. يمكن أن يصلح الملفات التالفة.



Pop Quiz

Choose the correct answer from a, b, c or d.

1. Don't use the same password for all your ....
   a. lessons **b.** viruses **c.** accounts **d.** books
2. Choose a software that .... your device and is easy to use.
   a. sends **b.** protects **c.** remembers **d.** bullies



Be careful while using the internet كن حذرًا أثناء استخدام الإنترنت

- You should be aware of the importance of staying safe while using the internet.
يجب أن تدرك أهمية الحفاظ على سلامتك أثناء استخدام الإنترنت.

To be safe Online لكى تكون آمنًا على الإنترنت

1 Use different passwords for
استخدم كلمات مرور مختلفة لـ

- Your accounts on different websites including social media platforms like Facebook, and email sites.
حساباتك على مواقع الويب المختلفة بما في ذلك منصات التواصل الاجتماعى مثل الفيس بوك أو مواقع البريد الإلكترونى.
- Your digital devices (computer, laptop, tablet, mobile phone).
أجهزتك الرقمية (كمبيوتر، كمبيوتر محمول، جهاز لوحى، تليفون محمول).

remove	يزيل	protect	يحمي	fix	يصلح	platforms	منصات
digital devices	أجهزة رقمية	careful	حذر	sites	مواقع		







- Install anti-virus softwares on those devices.
  عن طريق تثبيت برامج مكافحة الفيروسات على تلك الأجهزة.
- There are websites that offer security services for your accounts.
  هناك مواقع إلكترونية تقدم خدمات أمنية لحساباتك.
- They do this by giving you instructions to follow for creating passwords for your personal accounts.
  يفعلون ذلك من خلال إعطائك التعليمات التى يجب مراعاتها لإنشاء كلمات مرور خاصة بحساباتك.
- Make sure you choose strong passwords which nobody can guess.
  تأكد من اختيار كلمات مرور قوية لا يستطيع أحد تخمينها.



Pop Quiz

▸ Choose the correct answer from a, b, c or d.

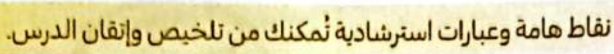
1. To be safe online, use .... passwords for your accounts.
   a. short **b.** different **c.** same **d.** easy
2. 📖 There are .... that offer security services for your accounts.
   a. websites **b.** passwords **c.** accounts **d.** platforms

devices	أجهزة	instructions	تعليمات	security	أمنية
follow	يتبع	offer	يعرض	nobody	لا أحد





Stop here !



نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.



Lesson Summary

- It is important to have strong passwords.
من المهم أن يكون لديك كلمات مرور قوية.
- People who do hacking are called hackers.
الأشخاص الذين يقومون بالقرصنة يطلق عليهم قراصنة.
- Don't use the same password for all your accounts.
لا تستخدم نفس كلمة المرور لجميع حساباتك.
- To remember your passwords, use a password manager.
لتذكر كلمات المرور الخاصة بك، استخدم مدير كلمات المرور.
- A computer virus can cause big problems, such as deleting your files.
يمكن أن يتسبب فيروس الكمبيوتر في حدوث مشكلات كبيرة مثل حذف ملفاتك.
- Choose a software that protects your device and is easy to use.
اختر برنامجاً يحمي جهازك وسهل الاستخدام.
- To be safe online, install anti-virus software on your devices.
لكي تكون آمناً عبر الإنترنت، قم بتثبيت برامج مكافحة الفيروسات على أجهزتك.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
My personal digital safety plan	guess - accounts	If your passwords are easy to guess, people can get into your computer or accounts.
	details	Your password shouldn't include your name or other personal details.
	at least	Your password should be at least eight characters long.
	protect - devices	You should always protect your devices with anti-virus software.
	viruses	A good anti-virus software catches viruses before they affect your device.
	accounts	Don't use the same password for all your accounts.
	websites - security	There are websites that offer security services for your accounts.
	be careful	Be careful while using the internet.
	damaged - files	Anti-virus software can fix damaged files.

General Exercises

On Lesson Seven



▸ If you got 🔴 you need to revise the lesson again.

🔵 ممتاز 🟢 جيد جدا 🟡 جيد 🔴 غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. The .... program protects your devices from the virus that may harm.
   a. word processing b. PowerPoint presentations
   c. anti-virus d. browser [بني سويف - بني سويف ٢٠٢٣]

2. One of the strongest passwords is .... [الأزهر الشريف - القليوبية - بنها ٢٠٢٤]
   a. Mostafa b. Ahmed@3# c. 12345678 d. 123 Ali

3. It is necessary that your password should contain letters, ... [المنيا - مطاى ٢٠٢٣]
   a. numbers and special symbols b. your name and address
   c. date of birth d. your phone number

4. Some files on the internet may have .... that can damage your computer.
   a. information b. viruses c. data d. photos
   [الأزهر الشريف - المنوفية - شبين الكوم ٢٠٢٤]

5. Which of the following passwords are considered a weak password ....
   a. dQv!@v3tM b. Ahmed1234 c. abG≠123* d. PassWord 53*
   [القاهرة - البساتين ٢٠٢٤]

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Mazenali is a strong password. [الإسماعيلية - ابو صوير ٢٠٢٤] (   )
2. Creating a strong password is a good safety plan. [الجيزة - ٦ أكتوبر ٢٠٢٣] (   )
3. A strong password should be at least eight characters. [المنوفية - السادات ٢٠٢٣] (   )
4. Your password must include your name. [الأزهر الشريف - القاهرة - الوايلي ٢٠٢٤] (   )

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. One of the safety precautions of internet is to use .... passwords to all your accounts.
   a. same b. different c. weak d. similar

2. If it is difficult for you to remember all your passwords, you can use ....
   a. password manager b. Anti-virus c. PowerPoint d. Google Chrome

3. If someone obtains the password for your account on the social networking site, this is called ....
   a. organizing. b. classification c. hacking d. searching

4. .... can cause big problems, such as sending an email to everyone on your computer or deleting your files.
   a. Windows b. Viruses
   c. Internet explorers d. Anit-virus programs

5. You can be safer by using different passwords for your accounts on different websites including ....
   a. facebook b. e-mail c. WhatsApp d. all of them

6. .... program must be installed on your computer to protect your files from infections.
   a. Anti-virus b. Computer virus c. Internet d. Hacking

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. If the password is easy to guess, people can get into your account easily. (   )
2. It's good to tell the important passwords to your friends. (   )
3. The computer virus can infect your files or delete them. (   )
4. The Anti-virus software can fix the damaged files. (   )
5. To be safe online, use the same password to all your accounts. (   )

للتدريب فقط

3 Complete the following sentences with appropriate words between brackets.

(anti-virus – Viruses – Password)

1. .... must include symbols, number and special signs.
2. You can use .... to protect your device from viruses.
3. .... could damage and delete your files.

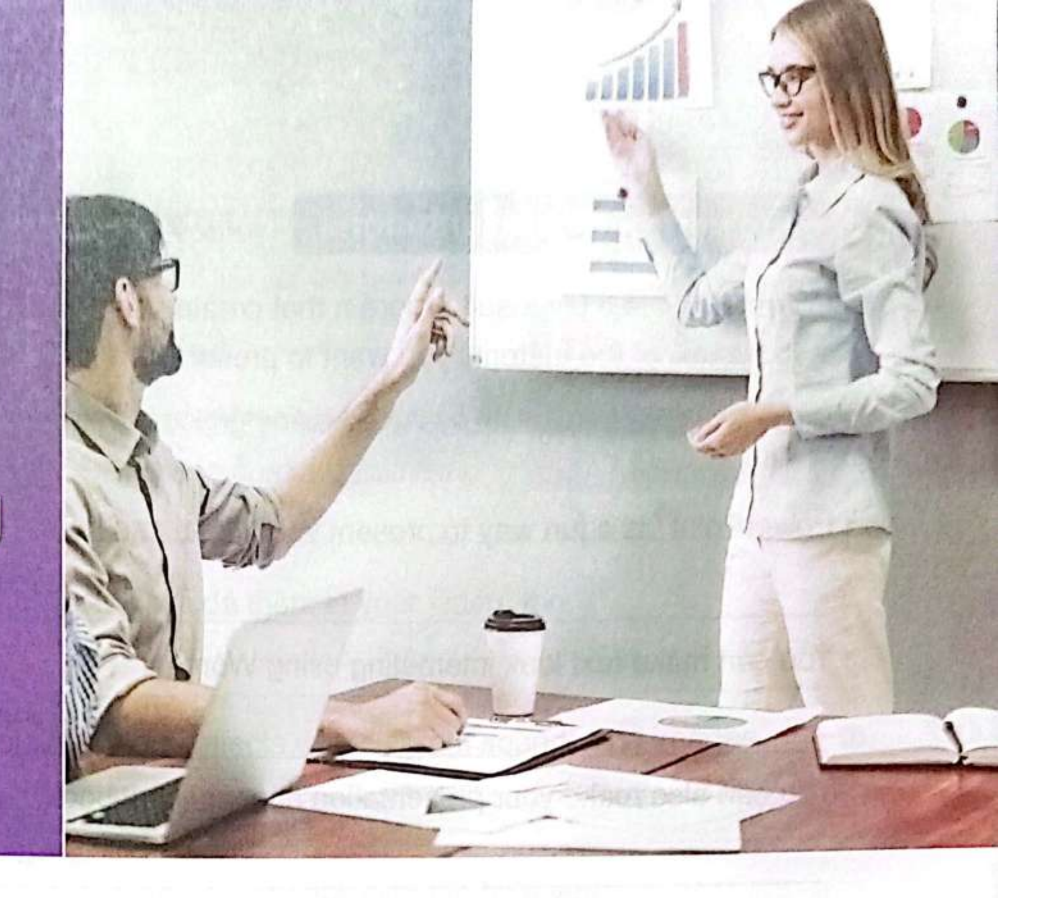
4 Read and circle the correct one.

It's important to create (**strong / weak**) password. If your passwords are easy to get, (**explorer / hackers**) can get into your computer or account

قم بتلوين الدائرة باللون المناسب لمستواك.



Practicing what you learned



Learn



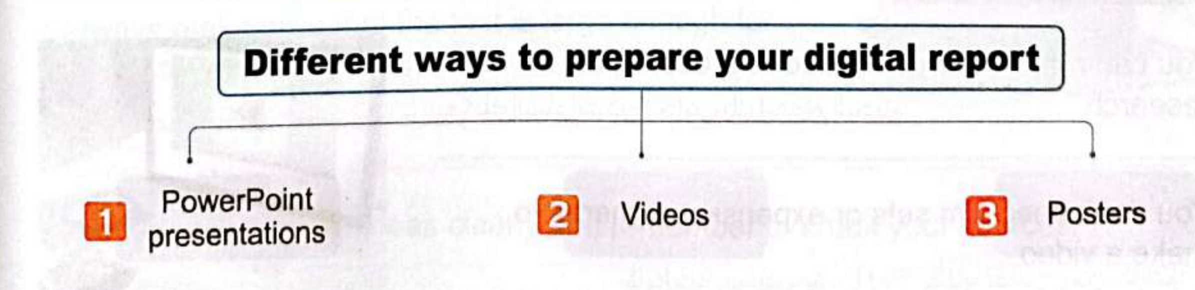
- Researchers and scientists prepare digital reports about the subject of their studies using various programs like PowerPoint ® or video.

يقوم الباحثون والعلماء بإعداد تقارير رقمية حول موضوع دراستهم باستخدام برامج مختلفة مثل برنامج العروض التقديمية البوربوينت أو الفيديو.

- They sometimes make documentaries and post them on their personal blogs or publish them online.

فى بعض الأحيان يعدون أفلامًا وثائقية وينشرونها على مدوناتهم الشخصية أو ينشرونها عبر الإنترنت.

How you prepare your digital report



programs	برامج	documentaries	أفلام وثائقية	prepare	إعداد
presentation	عرض تقديمى	publish	ينشر		

1 PowerPoint® presentations عروض البوربوينت



- PowerPoint® is a Microsoft program that creates a slideshow of the material you want to present.

  هى برنامج من شركة مايكروسوفت يقوم بإنشاء عرض شرائح للمواد التى تريد تقديمها.

- PowerPoint® is a fun way to present your ideas to others.

  PowerPoint® هى طريقة ممتعة لتقديم أفكارك.

- You can make text look interesting using WordArt®.

  يمكنك جعل النص ممتعًا باستخدام WordArt®.

- You can also make your presentation appear like a book.

  يمكنك أيضًا جعل عرضك التقديمى يبدو ككتاب.



- You can include a text, pictures and fun sound effects about your topic.

  يمكنك تضمين النصوص والصور والتأثيرات الصوتية الممتعة حول الموضوع الخاص بك.



Pop Quiz

▶ **Choose the correct answer from a, b, c or d.**

1. 📖 PowerPoint is a microsoft ....
   a. film **b.** movie **c.** program **d.** report
2. You can include .... and pictures about your topic in your PowerPoint presentation.
   a. text **b.** fun sound effects **c.** slideshow **d.** all of them

2 Videos مقاطع فيديو



- You can make your own video to present your research. يمكنك إنشاء الفيديو الخاص بك لتقديم البحث.

- You don't need film sets or expensive cameras to make a video.

  لا تحتاج إلى مجموعات أفلام أو كاميرات باهظة الثمن لعمل فيديو.

topic	موضوع	research	بحث	idea	فكرة
present	يعرض	effects	تأثيرات	slide show	عرض شرائح
expensive	باهظة	fun	ممتع	create	ينشئ





- You can make one on a laptop, tablet, or cell phone.

يمكنك صنع واحد على جهاز كمبيوتر محمول أول جهاز لوحى أو هاتف محمول.

- You can record yourself for presenting your ideas.

يمكنك تسجيل نفسك وأنت تقدم أفكارك.

- You can interview others, and include them in your video, too.

يمكنك إجراء مقابلات مع الآخرين وتضمينهم في الفيديو الخاص بك ، أيضًا.

- You can add more details and fun effects with different sounds and images.

يمكنك إضافة المزيد من التفاصيل والتأثيرات الممتعة بأصوات وصور مختلفة.

- There is a special video software you can download to help you.

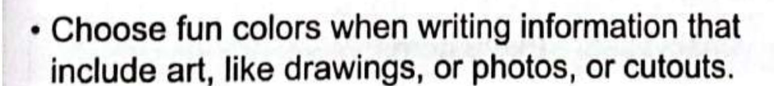
يوجد برنامج فيديو خاص يمكنك تنزيله لمساعدتك.

3 Posters الملصقات الإعلانية



- One fun, effective way to present your research is by creating a poster.

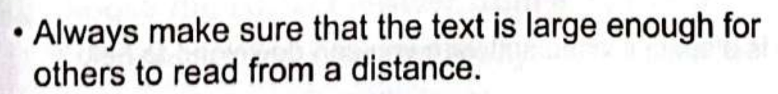
من أحد الطرق الممتعة والفعالة لتقديم بحثك هى عن طريق إنشاء ملصق.



- Choose fun colors when writing information that include art, like drawings, or photos, or cutouts.

اختر ألوانًا مرحة عند كتابة معلومات تتضمن فنًا مثل الرسومات أو الصور أو الأشكال.





- Always make sure that the text is large enough for others to read from a distance.

تأكد دائمًا من أن النص كبير بما يكفى ليقرأه الآخرون من مسافة بعيدة.

- Always present your ideas clearly and remember to credit your sources.

أعرض أفكارك بوضوح دائمًا، وتذكر دائمًا أن تقوم بتوثيق مصادرك.

distance sources	مسافة مصادر	interview details	مقابلة تفاصيل	effective cutouts	فعالة أشكال/قواطع

Stop here !





استمع الى
ملخص الدرس



نقاط هامة وعبارات استرشادية تُمكنك من تلخيص وإتقان الدرس.

Lesson Summary

- PowerPoint® is a Microsoft program that creates a slide show.
  البوربوينت هو برنامج مايكروسوفت يقوم بإنشاء عرض شرائح.
- PowerPoint® is a fun way to present your ideas to others.
  البوربوينت هى طريقة ممتعة لتقديم أفكارك للآخرين.
- You can make your own video to present your research.
  يمكنك إنشاء الفيديو الخاص بك لتقديم بحثك.
- There is a special video software you can download to help you.
  يوجد برنامج فيديو خاص يمكنك تنزيله لمساعدتك.
- Creating poster is an effective way to present your research.
  إنشاء ملصق هى طريقة فعالة لتقديم بحثك.



How to deal with the exam

كلمات وعبارات استرشادية تساعدك على حل أسئلة الامتحان.

Topic	Guiding words	Exam items
Practicing what you learned	presentation	PowerPoint helps you to make your presentation appear like a book.
	make - present	You can make your own video to present your search.
	special - download	There is a special video software you can download to help you.
	record - ideas	You can record yourself for presenting your ideas.
	credit - sources	Always remember to credit your sources.

General Exercises

On Lesson Eight





▸ If you got 🔴 you need to revise the lesson again.

🔵 ممتاز 🟢 جيد جدا 🟡 جيد 🔴 غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

1. Previous Exams تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

1. WordArt in PowerPoint makes texts look .... [المنيا - ملوي ٢٠٢٤]
   a. smaller b. interesting c. bad d. ugly
2. .... can present your ideas in an interesting and attractive way, and add sound and image. [الغربية - شرق طنطا ٢٠٢٤]
   a. Excel b. PowerPoint c. Word d. Windows
3. Researchers and scientists prepare digital reports about the subject of their studies using .... [الأزهر الشريف - القاهرة - حدائق القبة ٢٠٢٣]
   a. PowerPoint b. videos c. posters d. all of them
4. .... is a fun way to present your idea as sound effects can be added. [المنوفية - شبين الكوم ٢٠٢٣]
   a. PowerPoint b. Word c. Excel d. Windows

2 Put (✓) in front of the correct sentences and (✗) in front of the wrong one.

1. PowerPoint software is a fun way to present ideas and results. ( ) [الأزهر الشريف - المنيا - سمالوط ٢٠٢٣]
2. Always make sure that the text is small enough in your poster. [الشرقية - الشرقية ٢٠٢٣] ( )
3. PowerPoint program is used to make presentations. [القليوبية - طوخ ٢٠٢٤] ( )
4. You should always present your ideas clearly when presenting research. [الأزهر الشريف - بني سويف - ببا ٢٠٢٣] ( )

2. El-Moasser Exercises تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

1. When creating a poster. Always make sure that the text is .... enough for others to read from distance.
   a. small b. little c. large d. tiny
2. In PowerPoint, you can make text look interesting using ....
   a. Formatting tool b. WordArt c. coloring tool d. standard tool
3. Using PowerPoint, you can add ....
   a. texts, pictures and sounds b. texts only
   c. sounds only d. pictures only

4. If you don't have a device for introducing your ideas, you can still present them effectively by using ....

a. PowerPoint b. videos c. posters d. WordArt

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. PowerPoint is a Microsoft program that creates a slideshow of the material you want to present. ( )
2. The WordArt makes the text more interesting. ( )
3. In PowerPoint, you can add video only. ( )
4. Researchers and scientists prepare digital reports using PowerPoint and videos. ( )
5. You can't use video to present the research. ( )
6. You need expensive cameras to make the video. ( )
7. There is a special video software you can download to help you to produce your video efficiently. ( )

للتدريب فقط

3 Complete the following sentences with the appropriate words between brackets.

(Posters – software – PowerPoint)

1. .... is a microsoft program that created a presentation .
2. .... include drawings, photos or cutouts.
3. You can download video .... to help you make videos.

4 Read and circle the correct one.

My dad is a scientist. He prepares (**written / digital**) reports using PowerPoint program. He makes documentaries and post them on their personal (**blogs / TV**).



Revision

on Lessons 7 & 8

مراجعة عامة على الدرسين السابع و الثامن فى ورقة واحدة.



Lesson 7 : My personal digital safety plan

Creating strong passwords

- It is important to have strong passwords.
- If your passwords are easy to guess, people can get into your computer or accounts.
- This is called hacking and the people who do it are called hackers.

Anti-virus software

A computer virus can cause big problems such as:

- sending an email to every one on your computer.
- Deleting your files.
- Choosing anti-virus software.
- You should always protect your devices with anti-virus software.
- Choose software that protects your device and is easy to use.
- A good anti-virus software catches viruses before they affect your device.
- It can also remove viruses that have already affected your device.
- It can fix damaged files.

Lesson 8 : Practicing what you learned

PowerPoint®

- PowerPoint® : is a Microsoft program that creates a slideshow of the material you want to present.
- PowerPoint® : is a fun way to present your ideas to other.
- You can make text look interesting using WordART.
- You can also make your presentation appear like a book.



Videos

- You can make your own video to present your search.
- You don't need film sets or expensive cameras to make a video.
- You can record yourself presenting your ideas.
- You can interview others, and include them in your video, too.
- You can add more details and fun effects with different sounds and images.

Sample Tests On Theme Two

اختبارات مجمعة من مختلف المحافظات للأعوام السابقة على المحور الثاني [تضمن الأفكار المكررة في الامتحانات السابقة]

▸ If you got 🔴 you need to revise the theme again.

ممتاز · جيد جدا · جيد · غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة المحور مرة أخرى.

Sample Test 1

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Grounding truth is when you find out information indirectly from people or evidence. [الأزهر الشريف - كفر الشيخ - الرياض ٢٠٢٤] (   )
2. Spam messages may be an advertisement for a fake product. [الفيوم - غرب الفيوم ٢٠٢٣] (   )
3. 📖 If someone makes you feel unsafe you can block him. [بورسعيد - بور فؤاد ٢٠٢٤] (   )
4. Always respect the law when using the internet. [الأقصر - الأقصر ٢٠٢٣] [الإسكندرية - العجمي ٢٠٢٣] (   )
5. It isn't harm to get your friend's information without his permission. [الأزهر الشريف - القاهرة ٢٠٢٣] (   )
6. If you get a warning message, don't proceed to the site. [القاهرة - الشروق ٢٠٢٣] (   )
7. 📖 The websites whose links (.org) have high credibility. [الجيزة - ٦ أكتوبر ٢٠٢٤] (   )
8. All information on social media is reliable. [الإسكندرية - المنتزه ٢٠٢٣] (   )

2 Choose the correct answer from a, b, c or d.

1. If someone makes you feel unsafe you can .... that person. [الشرقية - الشرقية ٢٠٢٣]
   a. meet b. block c. talk d. help
2. .... is the ability of some people to get into your computer. [القاهرة - المطرية ٢٠٢٤]
   a. Data b. Hacking c. Antivirus d. Safety
3. Always use .... software to protect your devices. [الأزهر الشريف - القاهرة ٢٠٢٤]
   a. anti-virus b. word processing
   c. PowerPoint presentations d. facebook
4. 📖 The .... program used to present ideas and results in an interesting way through slides. [الغربية - شرق المحلة ٢٠٢٤]
   a. Excel b. PowerPoint® c. Word d. Email
5. .... is a Microsoft program that creates a slideshow of the material you want to present. [الدقهلية - منية النصر ٢٠٢٣]
   a. Word b. Excel c. PowerPoint® d. Wordbook
6. When creating a poster. Always make sure that the text is .... enough for others to read from distance. [أسوان - إدفو ٢٠٢٤]
   a. small b. tiny c. large d. medium
7. From the safety precaution of the internet, use the .... password to all your accounts. [دمياط - الزرقا ٢٠٢٤]
   a. same b. different c. weak d. strong

قم بتلوين الدائرة باللون المناسب لمستواك.



▸ If you got ● you need to revise the theme again.

● ممتاز ● جيد جدا ● جيد ● غير جيد

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على ● (غير جيد) قم بمراجعة المحور مرة أخرى

Sample Test 2

1 Choose the correct answer from a, b, c or d.

1. The .... can be used as a powerful tool to communicate. [السويس - الجناين ٢٠٢٣]
   a. keyboard b. internet c. book d. mouse
2. 📖 Message calling for false advertisements on your e-mail are called ....
   a. e-mails b. spam messages
   c. links d. posts [القاهرة - الشرابية ٢٠٢٤]
3. When you tag someone, the tag provides .... to the person's profile. [المنوفية - السادات ٢٠٢٣]
   a. opinions b. link c. password d. date
4. .... allows Egyptians to enter for free. [الأزهر الشريف - الأقصر - الأقصر ٢٠٢٣]
   a. EKB b. Gov c. Edu d. Org
5. If it is difficult for you to remember all your passwords, you can use ....
   a. password manager b. anti-virus
   c. PowerPoint® d. Excel [الجيزة - الصف ٢٠٢٤]
6. .... happens when someone obtains the password for your account on the social networking site. [الإسماعيلية - فايد ٢٠٢٤]
   a. Organizing b. Classification c. Hacking d. Kindness
7. 📖 .... is a Microsoft program that creates a slideshow of the material your want to present. [الغربية - السنطة ٢٠٢٤]
   a. PowerPoint® b. Word c. Excel d. Google Chrome
8. When you use the internet, don't go to .... [الإسكندرية - برج العرب ٢٠٢٤]
   a. banned b. sports c. food d. educational

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. If the password is easy to guess, people can get into your account easily. [الأزهر الشريف - القاهرة ٢٠٢٤] ( )
2. It's good to tell the important passwords to your friends. [كفر الشيخ - الحامول ٢٠٢٣] ( )
3. The computer virus can infect your files or delete them. [الأقصر - الطور ٢٠٢٤] ( )
4. You can't use video to present the research. [قنا - قوص ٢٠٢٤] ( )
5. You need expensive cameras to make the video. [سوهاج - جرجا ٢٠٢٣] ( )
6. There is a special video software you can download to help you to produce your video efficiently. [المنيا - مغاغة ٢٠٢٤] ( )
7. You should not share your personal data to stay safe online. [أسيوط - الفتح ٢٠٢٣] ( )



Sample Test 3

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Wiki is considered from the reliable sources of information. [الإسكندرية - المنتزه ٢٠٢٣] ( )
2. 📖 Our devices are always with us, so it can be hard to escape online bullying. [الأزهر الشريف - القاهرة ٢٠٢٤] ( )
3. 📖 Your identity, or family members may get stolen online. [المنيا - بني مزار ٢٠٢٤] ( )
4. Anti-virus software is used to protect your computer. [الأقصر - الطور ٢٠٢٤] ( )
5. Strong passwords include your name and address. [البحيرة - الدلنجات ٢٠٢٣] ( )
6. You can make your own video to present your research. [أسيوط - البداري ٢٠٢٣] ( )
7. 📖 Always present your ideas clearly. [الغربية - كفر الزيات ٢٠٢٤] ( )
8. You can make your presentation appear like a book. [الأزهر الشريف - الأقصر ٢٠٢٣] ( )

2 Choose the correct answer from a, b, c or d.

1. You can be safer by using different passwords for your accounts on different websites including .... [القاهرة - الساحل ٢٠٢٤]
   a. facebook b. e-mail c. WhatsApp d. all of them
2. .... program must be installed on your computer to protect your files from infections. [الأزهر الشريف - الجيزة ٢٠٢٤]
   a. Anti-virus b. Computer virus c. Internet d. Hacking
3. If you don't have a device for introducing your ideas, you can still present them effectively by using .... [السويس - شمال السويس ٢٠٢٤]
   a. PowerPoint® b. videos c. posters d. WordArt
4. Spam mail includes unwanted message, and it may include .... [الإسكندرية - العامرية ٢٠٢٤]
   a. an unfamiliar address b. an unknown link
   c. personal data d. both a & b
5. The virus can .... [أسيوط - ديروط ٢٠٢٤]
   a. damage your files b. damage the mouse
   c. connect to the internet d. help your files
6. You can read the news with just a click of the mouse is from the .... effects of using ICT tools . [المنيا - سمالوط ٢٠٢٤]
   a. negative b. positive c. enjoying d. bad
7. While using ICT tools, you should be .... [البحيرة - الدلنجات ٢٠٢٤]
   a. harmful b. responsible c. angry d. sad



قم بتلوين الدائرة باللون المناسب لمستواك. ◯

- If you got 🔴 you need to revise the theme again.

ممتاز 🔵 جيد جدا 🟢 جيد 🟡 غير جيد 🔴

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 [غير جيد] قم بمراجعة المحور مرة أخرى

Sample Test 4

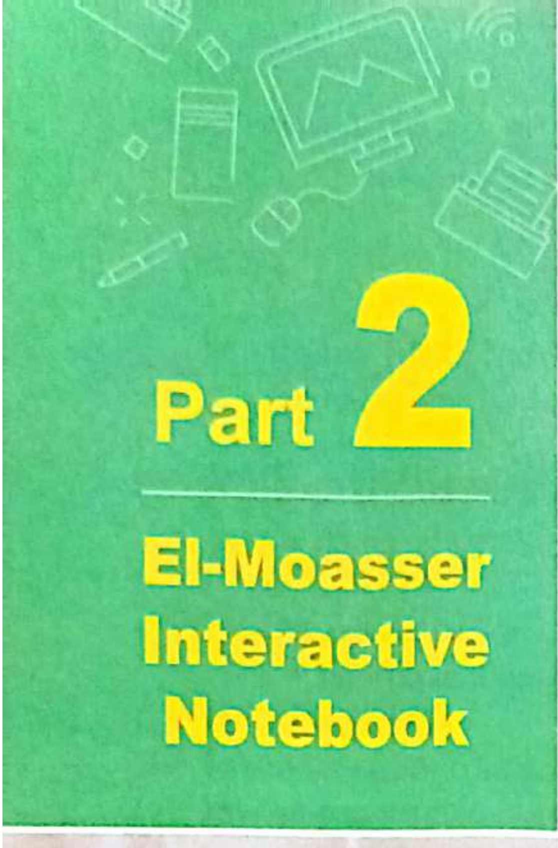
1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. You can communicate with friends and family anywhere in the world by using ICT tools. [الإسماعيلية - التل الكبير ٢٠٢٤] (   )
2. Banned sites may publish accurate, moral, and useful material. [الجيزة - الهرم ٢٠٢٣] (   )
3. You shouldn't ask your teacher or a family member before you go on a new site and browse it. [القاهرة - شرق مدينة نصر ٢٠٢٣] (   )
4. In PowerPoint®, you can add video only. [الأزهر الشريف - المنيا - ملوى ٢٠٢٤] (   )
5. Researchers and scientists prepare digital reports using PowerPoint and videos. [بورسعيد - بورفؤاد ٢٠٢٣] (   )
6. Files downloaded from the internet do not contain viruses and can be used without scanning. [الشرقية - القرين ٢٠٢٤] (   )
7. Always think before you post about yourself or other people. [الفيوم - سنورس ٢٠٢٤] (   )

2 Choose the correct answer from a, b, c or d.

1. If someone obtains the password for your account on the social networking site, this is called .... [القليوبية - قها ٢٠٢٤]
   a. organizing. b. classification c. hacking d. searching
2. .... can cause big problems, such as sending an email to everyone on your computer or deleting your files. [بنى سويف - الواسطى ٢٠٢٣]
   a. Windows b. Viruses
   c. Internet explorers d. Anit-virus programs
3. Before publishing any information on social networking sites, it is important to .... the source of this information. [المنوفية - قويسنا ٢٠٢٤]
   a. neglect b. ignore c. share d. delete
4. The virus can .... [الأزهر الشريف - القاهرة ٢٠٢٤]
   a. damage your files b. damage the mouse
   c. connect to the internet d. help your files
5. Your address, your name and your school name are your .... [الدقهلية - أجا ٢٠٢٤]
   a. personal devices b. personal data c. personal computer d. none of them
6. If the e-mail message includes ...., this message might be a spam. [البحيرة - إدكو ٢٠٢٣]
   a. unknown links b. incorrect grammar
   c. greeting d. both a & b
7. When searching, type .... when your keywords are too general. [قنا - قوص ٢٠٢٣]
   a. long phrases b. short phrases c. short keyword d. one word only
8. The operator .... sign is used to join and add two words. [أسيوط - ساحل سليم ٢٠٢٤]
   a. (*) b. (+) c. (–) d. @

قم بتلوين الدائرة باللون المناسب لمستواك. ◯



Contents

Monthly Assessments

التقييمات الشهرية



1 October Test

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. If the mouse cursor isn't working, you must check cables connection. ( )
2. The GPR is used to find bodies underground. ( )
3. Electronic Devices were important for all people in the society in different life sides. ( )
4. The GPR is used for discovering the buried mummies in the pharaonic age. ( )
5. The Electronic Age expands to our present days because of the continuous inventions. ( )
6. We can operate the computer without an operating system. ( )
7. The assistive technology helps people of determination practice their daily life. ( )

2 Choose the correct answer from a, b, c or d.

1. .... Devices enter the data into the computer.
   a. Input b. Output c. C.P.U d. Computer
2. .... is considered one of the most famous operating system.
   a. Word b. Excel c. Windows d. Google
3. .... is / are one of the inventions of the electronic Age.
   a. Electricity b. Pascaline
   c. Satellites d. Pictures and paintings
4. You can type a research or a report using ....
   a. Word b. windows c. Google Chrome d. downloads
5. .... can change letters into raised dots so that we can read them by touching.
   a. Head phones b. Screen c. Braille terminal d. Artificial limbs
6. The electronic device which processes the data and changes them into information is the ....
   a. computer b. software c. printer d. keyboard
7. When you can't open the Excel programs first you must ....
   a. shut down the device b. update the program
   c. replace the program d. replace the keyboard
8. People of determination depend on .... to make their daily life easy.
   a. screen b. scanner c. assistive technology d. radar devices

2 November Test

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Spam mails are sent many times from unknown addresses. ( )
2. When you download a song to your device, you'll find it in the downloads file. ( )
3. E-mails are considered the must common to share data. ( )
4. When you collect information, make sure they are correct and accurate. ( )
5. In some search engine, you can use images instead of words in your search. ( )
6. If you block some one, they can't see your posts. ( )
7. You can send an e-mail without writing the recipient address. ( )

2 Choose the correct answer from a, b, c or d.

1. Copying a file from the internet to your computer is called .... the file.
   a. uploading b. downloading c. blocking d. deleting
2. A cheap means of communication among people is ....
   a. video calls b. electronic blog c. spam d. e-mails
3. Messages which aim to steal your personal information or trick you are ....
   a. e-mails b. text messages
   c. electronic messages d. spam messages
4. When someone acts badly with you on the internet, you must .... them.
   a. block b. send them a bad message
   c. speak to them d. send them photos
5. .... is considered an important thing when we share information.
   a. Don't tell the source of the information
   b. Removing the source of the information
   c. Stealing data
   d. None of them
6. The app or program used to search on the internet is the ....
   a. browser b. results c. search engine d. printer
7. The .... contains a lot of research and digital reports.
   a. e-mail b. internet c. video call d. photo
8. Your name and address are ....
   a. spam messages b. blogs c. personal data d. e-mails





Important Points أهم النقاط في المحور الأول

1 Albert Lin and the archaeologists tools :

1. Albert Lin is an explorer and archaeologist.
2. He uses different tools to explore archaeological sites without digging such as GPS and photographs from satellites and drones.
3. The archaeologists' tools save times, cost and effort.
4. GPR and Magnetometers locate things under the ground.

2 Using of computer :

1. The computer is an electronic device for processing data.
2. We can use a computer to write documents, send emails, play games, edit or create data tables and browse the internet.
3. There are devices that are turned on and used via touch such as tablet.
4. We divide computer hardware into input device such as keyboard, mouse, scanner, microphone, camera and output device such as screen, speaker, Braille terminal, speech synthesizer and printer.

3 Computer operating system :

1. CPU controls what and how data is processed, it processes data and converts it to useful information.
2. Operating system enables us to use our computer such as Windows and Android.

4 Assistive technology :

1. Assistive technology helps people of determination with tasks that they find difficult.
2. Albert Lin has a limb difference, he uses a prosthetic leg that enables him to move and explore new places.
3. Stephen Hawking used assistive technology to help him communicate.
4. There are many types of assistive technology such as screen magnification, software, Hearing aids, Alternate communication software and speech synthesizer, sporting tools.

5 ICT tools :

1. ICT tools help to do a lot of tasks, research of information online and writing school reports using Microsoft Word.
2. When an app won't open, restart your computer and try again.
3. When the mouse cursor isn't working, make sure you connect the mouse cable to the correct place in the motherboard then restart your device.

6 ICT problems and solutions :

1. When you can't find file, check your downloads folder.
2. When your screen freezes, press and hold the "Ctrl", "Alt", and "Dell" buttons together.

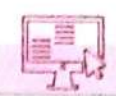
7 Collecting, analyzing and graphic data :

1. You can collect data from a variety of sources such as books and articles, interviews, records, surveys and experiments.
2. When you analyze the data you've collected, you should review your findings and interpret what those findings mean.
3. Graphing Data compare different categories of information.



Important Definitions أهم التعريفات في المحور الأول

Word	Definition
Ground Penetrating Radar (GPR)	This radar can discover objects buried underground.
Global Positioning System (GPS)	This is a way to find the location of something using satellites.
Magnetometer	This measures a magnetic field. It can find metal underground.
Keyboard	To type on and tell the computer what to do and write letters and numbers.
mouse / touch screen	We can move things easily with it and directional data.
speaker	To allow people to hear you, sound and music.
camera	For people to see you, images and videos.
scanner	Input text and images from paper.
screen	Shows us what we are doing and visual information : text, images and video.
speaker	To hear others and audio.
Braille terminal	Text in Braille for blind people.
Speech Synthesizer	- It is audio output device. - It changes the words into an artificial voice so people can hear what I want to say.



Printer	Output text and images on paper.
CPU	The central processing unit is a type of hardware, it controls what and data how is processed.
Screen magnification	It is type of assistive technology allows these with visually impaired to interact with computer.
Hearing aids	Hearing aids help people who have trouble hearings models can now to connected to a person's mobile devices.
Alternate communication software	Alternate communication software help people with speech and language disabilities communicate with others and some computer programs can turn text to speech and speech to text.
Graphing Data	Graphing Data compare different categories of information such as Bar graphs.

ICT tools

أدوات وأجهزة مستخدمة فى تكنولوجيا المعلومات

Archaeologists' tools

1. Locate things **above the ground**



GPS



Satellites



Drone

2. Locate things **under the ground**



Ground Penetrating Radar



Magnetometers

Types of computers



1. laptop

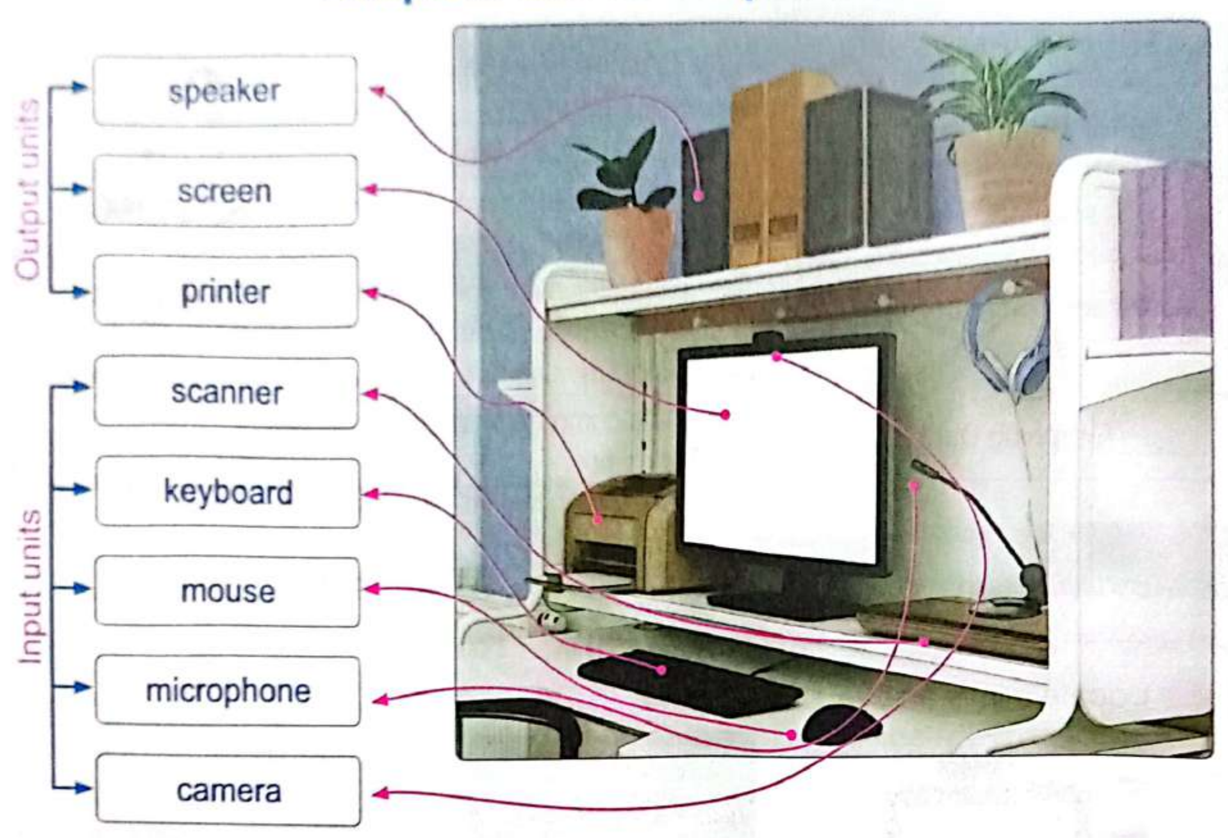


2. tablet



3. personal computer

Computer and its components

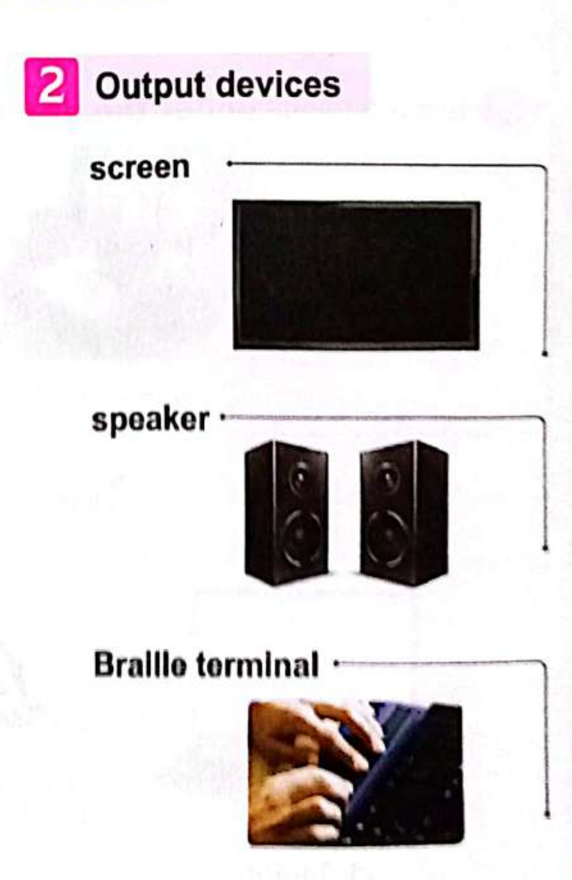


Input and Output devices

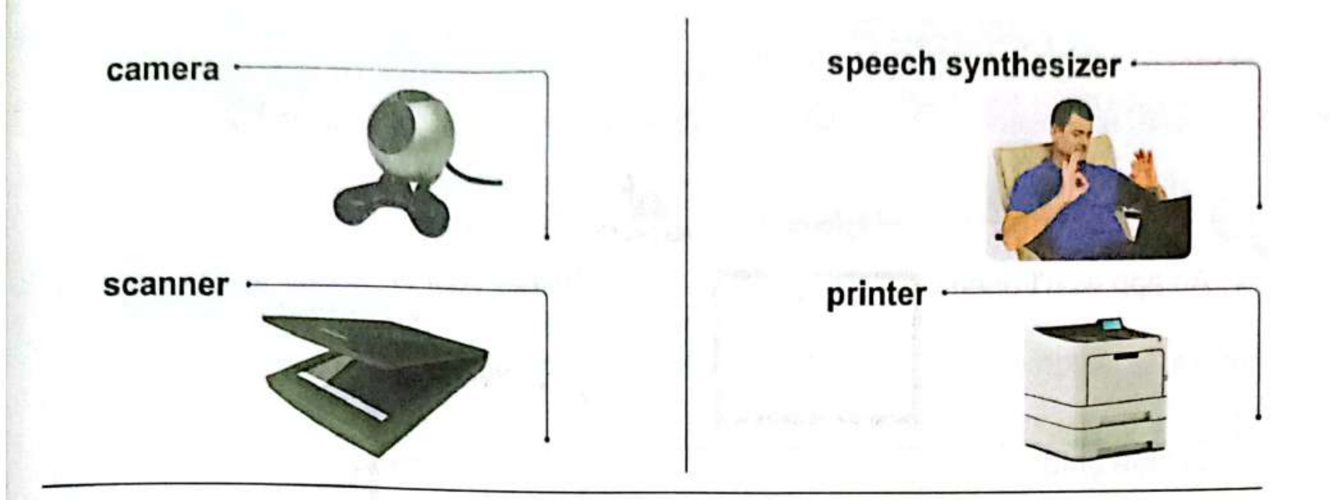
1 Input devices



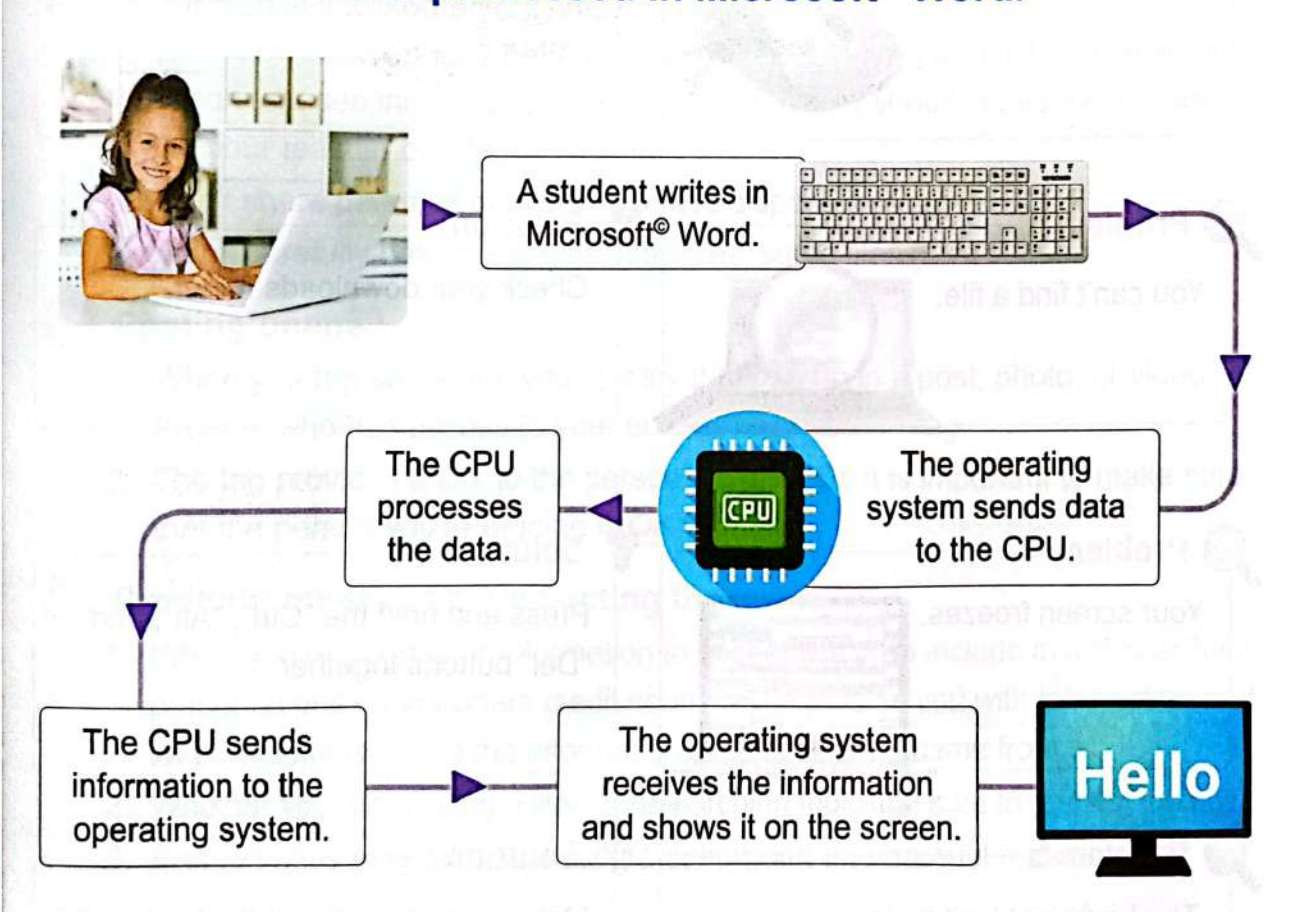
2 Output devices







The diagram below
shows how data is processed in Microsoft© Word.



Some technological problems and solutions

بعض المشاكل التكنولوجية وحلولها.



Problem 1

An app won't open.





Solution

Restart your computer and try again.



Problem 2

The mouse cursor isn't working.





Solution

Make sure you connect the mouse cable to the correct place in the motherboard. It is best to restart your device.



Problem 3

You can't find a file.





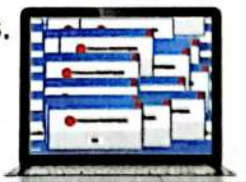
Solution

Check your downloads folder.



Problem 4

Your screen freezes.





Solution

Press and hold the "Ctrl", "Alt", and "Del" buttons together



Problem 5

The keyboard isn't typing.





Solution

Make sure you connect the keyboard cable to the correct place in the motherboard then restart your device.



THEME 2 Quick Look

An hour before the Exam

تمكن من مراجعة منهجك في ساعة واحدة قبل الامتحان



Important Points

أهم النقاط في المحور الثاني

1 Communicating online :

1. There are many ways to communicate online, we can use computers, phones and tablets.
2. People can communicate with each other using instant messaging emails direct messages and message forums.
3. Be careful, some people communicate online to steal personal information.
4. Personal information includes your address' your name, and name of your school.

2 Unsafe websites :

1. You can block the unkind person; that person cannot see your posts or contact you.
2. When you see inappropriate website content, you should leave the site and tell your teacher or a family member.
3. Don't share personal data online to avoid spam messages.
4. Think carefully before you download files, some files have viruses.

3 Posting online :

1. When you tag someone, you identify that person in a post, photo, or video. Anyone who has access to your account can see the tag.
2. The tag provides a link to the person's profile. So it is important to make sure that the person you're tagging is OK with this.

4 Crediting others and Respecting the law :

1. When you're looking for information to post online or to include in a PowerPoint presentations it's important credit sources that provide you with information and let others know where the information you are sharing came from.
2. Whether you are posting online or researching topics be sure to respect the law.
3. Banned sites may publish inaccurate, immoral and harmful material.

5 Searching safely and smartly :

1. Choose browsers that warn users when they're about to enter an unsafe site or download a harmful app.
2. If you get a warning messages be sure to show your teacher or a family member and don't proceed to the site or with the download.

3. Some popular browsers have search engines set up just to children, they will only show results that are age-appropriate.
4. Choose child-friendly websites that include filters that help you avoid clicking on inappropriate videos.
5. To search smartly, you type longer phrases-not just a couple of words. This will help you get better results.

6 Online identity theft :

1. When you get stolen, they may have access to your social media accounts.
2. The Egyptian government is dedicate to protect you from online problems.
3. Online problems are common. You don't have to solve online problem on your own. Talk to your teacher or a family member about it.

7 Creating strong passwords :

1. It is important to have a strong passwords. Your password shouldn't include your name or other personal details.
2. Don't use the same password for all your accounts and use a password manager.

8 Anti-Virus software :

- To be safe online, you should install anti-virus softwares on your devices.

9 Digital reports, videos and posters :

1. Researchers and scientists prepare digital reports about the subject of their studies using various programs like PowerPoint or video.
2. You can make your presentation appear like a book include text, pictures and fun sound effects.
3. You can make your own video to present your research.
4. While creating a poster make sure that the text is large enough for others to read from a distance.



Important Definitions

أهم التعريفات فى المحور الثانى

Word	Definition
Personal information	It includes your address, name and name of your school.
Spam	- Spam mail includes unwanted messages to advertise products or gather more information from you. The messages may be also include viruses. - If an email includes an unfamiliar address, unknown links, or messages in ALL CAPITAL LETTERS, it might be spam.



Viruses	Viruses can damage your computer or be used to track your information.
The tag	The tag provides a link to the person's profile.
Banned sites	Banned sites may publish inaccurate, immoral and harmful material.
Parental control	Some popular browsers include a parental control app and helpful safety tips for children.
browser	A software application that is used for assessing information on the internet.
search engine	A software application that carries out web searches.
results	A list that is compiled based on a search.
Bullying	It is repeated unkind behavior towards someone.
Hackers	They may use your personal information.
Hacking	It is the ability of some people to get into your computer or accounts. The people who do this are called hackers.
Anti-virus software	Anti-virus software catches viruses before affect your device and can fix damaged files.
PowerPoint®	- It is a Microsoft program that creates a slideshow of the material you want to present. - It is a fun way to present your ideas to other.
WordArt	We use it in PowerPoint presentations to make text look interesting.
Posters	Effective way to present your research and ides.

The positive and negative effects of ICT tools

Pros of using ICT tools	Cons of using ICT tools
1. You can read the news with just a click of the mouse	1. You may come across something online that upsets you.
2. You can upload and download videos and photos and view them whenever you want.	2. You can get eye strain or headaches from using your devices too long.
3. You can communicate with friends and family anywhere in the world.	3. Some people may rely on searching on Google to answer all their questions- even though it doesn't always give the right answer !

If you are searching for information on an image.

Use the image instead of words in your search.	Use the camera button, and add your image.	Your teacher can help you.



Steps to search for information

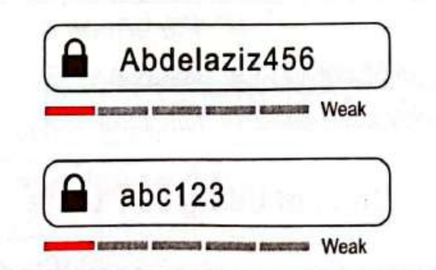
If you need these words to be included in your search, → add a (+) sign before the word.

To avoid getting unwanted or unnecessary results, → add a (–) sign before words you would like the search engine to avoid.

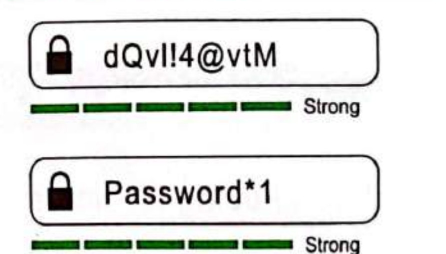
If you are searching for a particular phrase, → put the phrase inside quotation marks "   ".

How to create strong passwords ?

Weak Password



Strong Password



Contains, letters, numbers and special characters

A computer virus can cause big problems, such as

- sending an email to everyone on your computer.
- deleting your files.



EL-Moasser Sample Tests

خمس نماذج اختبارات من كتاب المعاصر



Sample Test 1

1 Choose the correct answer from a, b, c or d.

1. All of the following are input units except ....
   a. mouse b. keyboard c. screen d. camera
2. .... software helps people with poor vision.
   a. Word b. Screen magnification c. Excel d. Google
3. To share data via internet we use ....
   a. email b. excel c. word d. message
4. You can .... from the internet and save it on your device.
   a. download a file b. block your friend
   c. delete a file d. none of them
5. When searching for a specific sentence, we put this sentence between two signs ....
   a. + b. – c. " " d. /
6. .... program is used to write reports.
   a. Screen zoom software b. Word
   c. Medical hearing aids d. Paint
7. Your name and address are considered as ....
   a. spam b. video
   c. personal information d. image
8. One of the strongest passwords is ....
   a. mostafa b. Ahmed@3# c. 12345678 d. 123#

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Input devices in computer work on processing data. ( )
2. The Ground penetrating radar is used to detect underground bodies. ( )
3. You can download files on your device without an internet service. ( )
4. If you can't find a file, you should restart your computer. ( )
5. It is preferable to use a different password for each account you have on the internet. ( )
6. Books and magazines are sources of data collection. ( )
7. Scanner is used to print images from your computer on paper. ( )

Sample Test 2

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Microsoft PowerPoint programs a fun way to present your ideas to others. ( )
2. You can find out information by talking to people directly, or by finding information online. ( )
3. You may want to ignore results some key words, this can help you avoid getting unwanted or unnecessary result type + before the words. ( )
4. The Egyptian Knowledge Bank reliable source of information because all information has been verified as accurate. ( )
5. GPS is used to find places you might need to visit. ( )
6. PowerPoint program is used to make presentations. ( )
7. The printer is responsible for processing data. ( )

2 Choose the correct answer from a, b, c or d.

1. .... enables me to write letters and numbers.
   a. Keyboard b. Mouse c. Microphone d. Scanners
2. .... helps people who suffer from hearing problem.
   a. Screen zoom software b. Hearing aids
   c. Scanner c. Excel
3. Unwanted message may include viruses, it is called ....
   a. spam b. social media c. Excel d. paint
4. .... is the easiest way to display search results and opinion polls.
   a. Presentation b. Word file c. Chart d. Poster
5. One of the devices that you use during video chats is ....
   a. printer b. scanner c. camera d. mouse
6. Before you express the data in a graph, you must ....
   a. share it with others b. analyze it c. delete it d. save it
7. .... is entering unknown persons to your account on the internet.
   a. Bullying b. Hacking c. Download files d. None of them
8. The camera and microphone are used in ....
   a. published articles b. text messages c. video calls d. download file



Sample Test 3

1 Choose the correct answer from a, b, c or d.

1. Tourists rely on .... to locate different places.
   a. GPS positioning system   b. printing machine
   c. Pascaline's machine   d. All of them
2. One of the devices that you need to type on the computer is ....
   a. keyboard   b. microphone   c. speakers   d. camera
3. .... is processing data.
   a. Scanner   b. Screen   c. CPU   c. Mouse
4. When the screen stops displaying data and information, press ....
   a. Del + Alt + Ctrl   b. Alt + Del + Tab   c. Del + Tab + shift   d. None of them
5. .... includes your name, address and your date of birth.
   a. Personal data   b. Spam   c. Download   d. Upload
6. The component responsible for entering the data for the computer is the ....
   a. printer   b. CPU   c. keyboard   d. all of them
7. .... is used to write report.
   a. Screen zoom software   b. Word program
   c. Medical hearing aids   d. None of them
8. .... is used to search on the internet.
   a. Spam   b. Video Call   c. Browser   d. Audio

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. A computer is a machine process data into valuable information. It also has the ability to store and retrieve them. ( )
2. The magnetometer device is used to discover metals buried in the ground. ( )
3. The traveler uses the global positioning device (GPS) while traveling from one town to another. ( )
4. E-mail is used to share data and communication among friends. ( )
5. One of the dangers of the internet is that others can use your personal data. ( )
6. The operating system is not necessary to deal with the computer. ( )
7. Drones used in discovering a region by the pilot's control over it while he is on the surface of the earth. ( )

Sample Test 4

1 Put (✓) in front of the correct sentence and (x) in front of the wrong one.

1. You can collect data from many different sources. ( )
2. Information is the final result we get after processing the data. ( )
3. If you can't find a file, you should restart your computer. ( )
4. Input devices in computer work on processing data. ( )
5. The magnetometer is used to determine places via satellites. ( )
6. Screen helps in processing data. ( )
7. The Central Processing Unit (CPU) is a type of software. ( )
8. When someone is blocked, they can see your posts. ( )

2 Choose the correct answer from a, b, c or d.

1. The camera and microphone are used in ....
   a. published articles b. text messages c. video calls d. email
2. Screen zoom software is used to help people who suffer from ....
   a. bearing impairment b. visual impairment
   c. limb loss d. none of them
3. .... is used to copy paper inside the computer.
   a. Display screen b. Scanner c. Speech installer d. Mouse
4. Entering of unknown people to your account on the internet is called ....
   a. bullying b. hack c. download files d. upload files
5. The speaker allows ....
   a. input audio data b. output audio information
   c. printing papers d. scan files
6. The .... is responsible for processing data.
   a. printer b. screen c. CPU c. all of them
7. One of the strongest passwords ....
   a. mostafa b. Ahmed@3# c. 12345678 d. 123#



Sample Test 5

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. CPU is a type of software. ( )
2. You can download files on your device without an internet service. ( )
3. Good Antivirus Programs are used to Protect Your device from Risks that may affect it. ( )
4. The more difficult the password for your account ,the greater the risk of being hacked by others. ( )
5. The operating system is not necessary to run the computer. ( )
6. All websites on the internet are reliable. ( )
7. Restarting the device helps solve most problems. ( )
8. One of the output units is the keyboard and camera. ( )

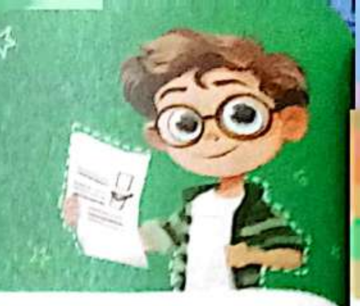
2 Choose the correct answer from a, b, c or d.

1. Your friend sent an email containing his location, which means that he used ....
   a. Ground penetrating radar b. magnetometer
   c. positioning device GPS d. alternative communication software
2. .... is a device that detects underground objects.
   a. Computer b. Magnetometer
   c. Global positioning device GPS d. Penetrating radar device
3. A device that allows non-native speakers to speak ....
   a. speech synthesizer b. speakers c. display screen d. scanner
4. Your friend sent you an e-mail with a file attached. You must ....
   a. opening the message and downloading the file
   b. calling and checking if he sent it
   c. deleting the message
   d. blocking the message's owner
5. .... is a way that converts letters into prominent symbols that can be read by touching.
   a. Earpiece b. Screen c. Braille d. Scanner
6. .... is used to copy paper inside the computer.
   a. Display screen b. Speech installer c. Scanner d. Mouse
7. Software allows screen enlargement ....
   a. seeing information b. hearing information
   c. printing papers d. none of them

Governorates Examinations

عشرون اختبار على المنهج بالكامل

[تم تعديل الاختبارات طبقًا لأحدث مواصفات الورقة الامتحانية ٢٠٢٤ - ٢٠٢٥]



1 Cairo Governorate — West Cairo Educational Administration

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. The taxi driver relies on the GPS device. ( )
2. The most common chart is the horizontal chart. ( )
3. Books are sources of data collection. ( )
4. Google is the most famous operating system. ( )
5. The graph can be drawn on paper only. ( )
6. The search engine is used to easily find the answer to a question. ( )
7. The input units contains: Mic - Keyboard - Mouse. ( )
8. CPU is Output unit. ( )

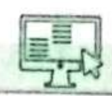
2 Choose the correct answer from a, b, c or d.

1. To install file from the internet we use ....
   a. Download b. Spam c. Word d. Search
2. .... is the most famous search engine that used all over the world.
   a. Facebook b. Windows c. Google d. Whatsapp
3. .... includes your name, address and your date of birth.
   a. Spam message b. Personal information
   c. Instant message d. General information
4. .... is the best software that can be used to analyze data.
   a. MS Word b. MS Excel c. MS Power point d. MS Accesses
5. .... allows to enter sounds to the computer and record words.
   a. Printer b. Monitor c. Mic d. Mouse
6. Responsible for data processing is ....
   a. CPU b. mouse c. printer d. keyboard
7. .... was discovered in the era of the electronic revolution.
   a. Satellite b. Printer c. Calculator d. Paper

2 Giza Governorate — Agouza Educational Administration

1 Choose the correct answer from a, b, c or d.

1. The .... is responsible for entering the data into your computer.
   a. CPU b. keyboard c. printer d. data



2. .... help people with limb difference to go about their daily lives.
   a. Hearing aids   b. Braille terminal   c. Prosthetic leg   d. Speaker
3. One of the ethical behaviors in using ICT tools is you can get ....
   a. headache   b. updated news   c. wrong answer   d. image
4. A strong password should be at least .... characters.
   a. seven   b. eight   c. three   d. one
5. By using PowerPoint, you can use .... that make text looks interesting.
   a. shape   b. image   c. WordArt   d. page
6. .... can discover objects buried underground .
   a. GPR   b. Magnetometer   c. GPS   d. WordArt
7. .... is considered from software in the personal computer.
   a. CPU   b. Mouse   c. GPR   d. Windows

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. If you can't find a file, you should restart your computer. ( )
2. You must ask permission before posting any information related to your friends. ( )
3. Bullying is repeated unkind behavior towards someone which make him feel trapped. ( )
4. The (+) sign is used to get unwanted results in the search process on the internet. ( )
5. The magnetometer is used to determine places via satellites. ( )
6. Bar Graph is a good way to display and compare results. ( )
7. People may use instant messaging to communicate with friends. ( )
8. CPU is considered of the hardware components of a computer. ( )

3 Alexandria Governorate — The Educational Computer Supervision

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. The magnetometer is used to determine directions with satellites. ( )
2. Screen zoom software helps people with visual difficulties. ( )
3. The Central Processing Unit (CPU) is a type of software. ( )
4. You must ask permission before posting any information related to your friends. ( )
5. We use scanners to transfer text and images from paper to our computers. ( )
6. If you can't find a file, you should restart your computer. ( )
7. E-mail is used to share date and communication among friends. ( )
8. It is important that your password include your name or other personal information. ( )

2 Choose the correct answer from a, b, c or d.

1. Messages calling for unreal advertisements on your email are ....
   a. download files b. spam c. personal data d. Braille
2. One of the devices that word processing software needs to write on your computer is ....
   a. keyboard b. the printer c. speakers d. camera
3. .... includes your name, address, and date of birth.
   a. Personal information b. Spam c. Password d. Graph
4. One of the attached devices that you use during video calls is the ....
   a. printer b. scanner c. camera d. magnetometer
5. To obtain specific search results, you must put .... to the search sentence.
   a. ("") b. (@) c. (&) d. (#)
6. .... is used to search for various information on the Internet.
   a. Scanner b. Search engine c. Printer d. E-mail
7. Spending too much time using technology causes ....
   a. eye fatigue b. download c. data theft d. blocking

4 Qalyoubia Governorate — The Educational Computer Supervision

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. GPS is used to find the location of the places you might need to visit. ( )
2. The scanner is used to print images from your computer on paper. ( )
3. The best way to avoid the internet problems is not to use internet. ( )
4. A strong password should be at least eight characters. ( )
5. We can analyze data in order to organize it in a graph. ( )
6. Blocking someone prevents this person from seeing your posts. ( )
7. Download means downloading from the internet to your device. ( )

2 Choose the correct answer from a, b, c or d.

1. Entering of unknown people to your account on the internet is called ....
   a. bullying b. hack c. spam d. none of them
2. .... is a way that converts letters into prominent symbols that can be read by touching.
   a. Speech synthesizer b. Braille c. Speaker d. Microphone
3. Press and hold the "Ctrl+Alt+Del" buttons when ....
   a. the screen freezes b. an app won't open
   c. you can't find a file d. the mouse cursor isn't working



4. .... includes your name,address and your date of birth.
   a. Personal data   b. Block   c. Download   d. Spam

5. To search for an exact sentence, we put the sentence between ....
   a. +   b. " "   c. @   d. -

6. Operating system enables us to use the ....
   a. computer   b. mouse   c. scanner   d. books

7. .... is output audio data.
   a. Printer   b. Scanner   c. Speaker   d. Mouse

8. .... help you to protect your device from damage that may harm it.
   a. Windows   b. Download   c. Hacking   d. Antivirus Programs

5 Sharkia Governorate Hehia Educational Administration

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Input devices in computer work on processing data. ( )
2. The magnetometer is used to determine places via satellites. ( )
3. Block is considered one of the ways to communicate with your colleagues or friends on the internet. ( )
4. Information is the final result we get after processing the data. ( )
5. Braille transforms letters into prominent symbols and can be read by touching. ( )
6. You can download files on your device without an internet service. ( )
7. Word processing is a type of device. ( )
8. Internet helps us in finding the information we want. ( )

2 Choose the correct answer from a, b, c or d.

1. .... are used to communicate with audio and image.
   a. Video calls   b. Digital articles   c. Digital blogs   d. None of them

2. Messages calling for unreal advertisements on your email are ....
   a. download files   b. spam   c. personal data   d. anti-virus

3. Someone sent you a friend request on a social networking site, you must ....
   a. close the device   b. delete the friend request
   c. check his identity   d. all of them

4. The .... enables you to take the audio clips out of the computer.
   a. Mouse   b. Speaker
   c. Screen zoom software   d. Scanner

5. One of the attached devices that you use during video calls is the ....
   a. printer   b. scanner   c. camera   d. keyboard

6. You shouldn't communicate with .... on social media sites.
   a. your school friend
   b. a friend of you
   c. unknown person wants to share your information
   d. your family

7. It is necessary that your password contain letters and ....
   a. numbers and special symbols
   b. your name and address
   c. your family name and address
   d. none of them

6 Menofia Governorate — Tala Educational Administration

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. Input devices in computer work on processing data. ( )
2. The earth's penetrating radar is used to detect underground bodies. ( )
3. You can download files on your device without an internet service. ( )
4. You can see what you're doing in your device by looking at the display screen. ( )
5. The quotation mark "" is used to summarize the search results that you want. ( )
6. The command responsible for closing all the applications on the personal computer or laptops is Del+Alt+Ctrl . ( )
7. Before you show your results on charts, you should remove them. ( )

2 Choose the correct answer from a, b, c or d.

1. The component responsible for entering the data for the computer is the ....
   a. keyboard
   b. CPU
   c. printer
   d. scanner

2. It is preferable to .... after repairing or reinstalling the mouse to the device.
   a. connect the power charger to the device
   b. check electrical connections
   c. restart the device
   d. none of them

3. One of the strongest passwords ....
   a. mostafa
   b. Ahmed@3#
   c. 123456789
   d. 2468

4. Messages calling for unreal advertisements on your email are ....
   a. download files
   b. spam
   c. personal data
   d. digital blogs

5. .... is used to copy paper inside the computer.
   a. Display screen
   b. Speech installer
   c. Scanner
   d. Screen

6. Someone sent you a friend request on a social networking site, you must ....
   a. close the device
   b. delete the friend request
   c. check his identity
   d. all of them



7. .... is a device that helps people with hearing impairment.
   a. Scanner b. Printer
   c. Alternate communication softwares d. Mouse

8. Information is considered the processing product of ....
   a. data b. digital blogs c. e-mail d. spam

7 Gharbia Governorate — Kafr El Zayat Educational Administration

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Pictures can be used instead of words in the search process. ( )
2. When you block someone, you identify that person in a post. ( )
3. If you can't find a file, you should restart your computer. ( )
4. Screen Magnification software is an assistive technology. ( )
5. Banned sites my publish accurate, moral an useful materials. ( )
6. The antivirus programme protects your devices from the risks that may harm. ( )
7. The screen shows us what we and the computer are doing. ( )
8. Online bullying is a repeated unkind behaviour towards someone. ( )

2 Choose the correct answer from a, b, c or d.

1. .... include your address, your name and your school name.
   a. Personal devices b. Personal data
   c. Personal computer d. None of them

2. Many search engines .... some words like (the, and, how, where).
   a. warm b. need c. ignore d. all of them

3. The best programme that allows to create a graph is ....
   a. operating system b. Word c. Excel d. PowerPoint

4. The operator .... is used to join and adding two words.
   a. (*) sign b. (+) sign c. (-) sign d. ("") sign

5. To be safe online, use .... passwords for your accounts.
   a. different b. easy c. weak d. some

6. .... is a fun way to present your idea as sound effects can be added.
   a. Word b. Excel c. PowerPoint® d. Paint

7. Microsoft word is a type of computer ....
   a. software b. game c. search engines d. hardware

8 Dakahlia Governorate — MitGhamr Educational Administration

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. The magnetometer is used to determine places via satellite. ( )
2. Word program is used to make presentations. ( )
3. CPU is a type of hardware. ( )
4. The scanner is used to print images from your computer on paper. ( )
5. Albert Lin uses prosthetic leg that enables him to talk and communicate. ( )
6. The operator sign (+) is used if you need these words to be included in your search. ( )
7. Braille is a way that converts letters into prominent symbols that can read by touching. ( )

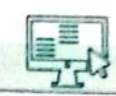
2 Choose the correct answer from a, b, c or d.

1. Press and hold the Ctrl+Alt+Del buttons when ....
   a. screen freezes b. can't find file c. app won't open d. none of them
2. A .... is a common graph for presenting information.
   a. pie graph b. circle graph c. bar graph d. email
3. Messages for unreal advertisements on your email and include unwanted message are ....
   a. block b. spam c. harmful d. blog
4. One of the strongest password is ....
   a. Hany123 b. Ali@ c. Ahmed@212# d. 2458
5. .... is a repeated unkind behavior to words someone.
   a. Online bullying b. Banned sites c. Online problems d. All of them
6. .... is used to find places you might need to visit.
   a. GPR b. GPS c. Drone d. Magnetometer
7. From positive effects of ICT tools, you can .... the videos and photos.
   a. upload b. download c. both a&b d. none of them
8. .... helps people with disabilities who suffer hearing problems.
   a. Medical hearing aids b. CPU c. Braille d. GPS

9 El-Behera Governorate — Kafr El Dawar Educational Administration

1 Choose the correct answer from a, b, c or d.

1. When the screen has stopped displaying data press ....
   a. Ctrl+Alt+Delete b. Shift+Alt c. Alt+Delete d. Alt+Ctrl



2. A device that allow non-speaking to speak ....
   a. Braille Terminal
   b. Speech synthesizer
   c. Keyboard
   d. Mouse

3. Choosing an easy password, exposed you to ....
   a. Hacking
   b. Protect your device
   c. Save Time
   d. chatting

4. It enable you to find object buried underground ....
   a. GPS
   b. Magnetometer
   c. Ground Penetrating Radar
   d. Drone

5. Work on processing data ....
   a. Screen
   b. CPU
   c. Camera
   d. Scanner

6. You shouldn't communicate with .... on social media sites.
   a. Your friend
   b. Your Family
   c. Unknown person
   d. none of them

7. A type of Hardware used to output sound from computer ....
   a. Speaker
   b. Scanner
   c. Mouse
   d. game

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. It's better that your password contain your personal information. ( )
2. Block considered one of the ways to communicate with your colleagues or friends on the internet. ( )
3. Adding sound effect to presentations adds enjoyment to viewers. ( )
4. If you refer to one of your friend a Tag, you must ask him permission. ( )
5. You must bully those who bully you. ( )
6. The Magnetometer is used to find minerals underground. ( )
7. To protect your device, you must download file from trusted sites. ( )
8. Screen enlargement software helps visually impaired people. ( )

10 Ismailia Governorate — The Educational Computer Supervision

1 Choose the correct answer from a, b, c or d.

1. The camera and microphone are used in ....
   a. published articles
   b. text message
   c. video call
   d. audio only

2. .... is used to copy paper inside the computer.
   a. Display screen
   b. Scanner
   c. Speech installer
   d. Mouse

3. Entering of unknown people to your account on the internet is called ....
   a. bullying
   b. hack
   c. download files
   d. upload files

4. .... enables you to write letters and numbers.
   a. Keyboard
   b. Mouse
   c. Microphone
   d. Screen

5. Unwanted message may include viruses, it called ....
   a. spam   b. social   c. Excel   d. Word

6. .... is used in the electronic age.
   a. Drawing letters   b. E-mail   c. Pascaline   d. CPU

7. .... is a way to convert letters into symbols that can be read by touching.
   a. Earpiece   b. Screen   c. Braille   d. Scanner

8. One of the strong password is ....
   a. mostafa   b. Ahmed@3#   c. 12345678   d. 7528

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. The Egyptian Knowledge Bank website is a source of trusted in terms of content. (   )
2. Share your password with your teacher safety on the internet. (   )
3. The taxi driver relies on the GPS device. (   )
4. Microsoft PowerPoint programs a fun way to present your ideas to other. (   )
5. The first computer appears in the era of electronic revolution to entertain people in their daily lives. (   )
6. Magnetometer enables us to discover minerals underground. (   )
7. You can download files on your device without an internet service. (   )

11 Suez Governorate The Educational Computer Supervision

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. All computer devices have the same shape. (   )
2. Windows is an operating system to control on devices and software. (   )
3. Prosthetic leg can assist who lost his leg. (   )
4. If mouse cursor isn't working make sure that mouse cable in the right place. (   )
5. Be sure of the person identity when chatting on the internet with him. (   )
6. It is not important to mention or credit source information. (   )
7. Don't visit banned sites it may publish inaccurate, immoral materials. (   )
8. All web browsers have search engines set up just for children. (   )

2 Choose the correct answer from a, b, c or d.

1. If an application won't work from solutions is to ....
   a. uninstall and reinstall the app   b. computer
   c. flash memory   d. data

2. .... can causes big problems so you have to use anti-virus software.
   a. Speakers   b. Computer virus   c. Microphone   d. Camera



3. .... is a repeated unkind behavior towards someone online.
   a. Online bulling   b. Graph   c. Screen   d. Mouse

4. You have to use browsers that warns users when you ....
   a. enter unsafe sit   b. download harmful apps
   c. both a&b   d. none of them

5. You can draw .... on paper or by using Excel program.
   a. hearing aids   b. graph   c. sporting tools   d. picture

6. .... are from archaeologists tools.
   a. Drones   b. GPR   c. GPS   d. All of them

7. .... is from data collecting recourses.
   a. Books   b. Articles   c. Both a&b   d. Paint

12 Beni Suef Governorate — Al Wasta Educational Administration

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. You can download files on your device without an internet service. (   )
2. One of the dangers of the internet is that others can use your personal data. (   )
3. You must ask permission before posting any information related to your friends. (   )
4. E-mail is used to share data and communication among friends. (   )
5. The Central Processing Unit (CPU) is a type of software. (   )
6. The operating system is not necessary to deal with the computer. (   )
7. Choosing search words helps us get the required search results. (   )
8. GPS is used to find places you might need to visit. (   )

2 Choose the correct answer from a, b, c or d.

1. .... helps us in finding the information we want.
   a. Internet   b. E-mail   c. GPS   d. GPR

2. .... includes your name, address and your date of birth.
   a. Personal data   b. Spam   c. Download   d. Upload

3. One of the digital sources which enables you to get information ....
   a. Electronic Books   b. Interviews   c. Spam   d. Blog

4. You shouldn't communicate with .... on social media sites.
   a. Your school friend
   b. a friend of you
   c. unknown person wants to share your information
   d. none of them

5. One of the advantages of ICT tools is ....

a. data theft | b. helping people with disabilities
c. overuse of electronic devices | d. all of them

6. .... is a way that converts letters into prominent symbols that can be read by touching.

a. Internet | b. Speech Synthesizer
c. Braille | d. Mouse

7. Screen zoom software is used to help people who suffer from ....

a. hearing impairment | b. visual impairment
c. limb loss | d. stalling

13 Damietta Governorate New Damietta Educational Administration

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Books and magazines are sources of data collection . ( )
2. If you can't find a file, you should restart your computer. ( )
3. It is necessary to include your passwords with letters, numbers and special symbols. ( )
4. Always respect the law when using the internet. ( )
5. CPU is a type of software. ( )
6. You must ask permission before posting any information related to your friends. ( )
7. One of dangers of the internet is that others can use your personal data. ( )

2 Choose the correct answer from a, b, c or d.

1. .... is a device that allows non-speakers to speak.

a. Scanner | b. Printer
c. Speech Synthesizer | d. Mouse

2. The .... is used to search for information on the internet.

a. Search engine | b. Results | c. Browser | d. Download

3. When searching for specific sentence, we put this sentence two signs ....

a. + | b. - | c. " " | d. *

4. The .... program protects your devices from the risks that may harm.

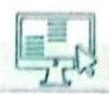
a. Word processing | b. Antivirus
c. PowerPoint presentations | d. Paint

5. .... includes your name, address and your date of birth.

a. Personal data | b. Spam | c. Download | d. Upload

6. .... is used to locate things via satellite.

a. The magnetometer | b. GPS | c. Mouse | d. GPR



7. Your friend sent you a friend request on a social networking site, you must ....
   a. close the device
   b. delete the friend request
   c. check his identity
   d. none of them

8. When you .... someone, he can't communicate with you.
   a. blocking
   b. sharing
   c. sending a friend request
   d. chatting

14 Port Said Governorate — The Educational Computer Supervision

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Operating system is not necessary to run the computer. ( )
2. Add (+) before the word, you need to be included in your search. ( )
3. Screen Magnification software helps people who have trouble hearing. ( )
4. Don't use the same password for all your accounts. ( )
5. If you can't find a file, you should restart your computer. ( )
6. When you block someone, the person cannot see your posts or contact you. ( )
7. Spam includes unwanted message to advertise products. ( )
8. You can get eye Strain or headaches from using your devices too long, It's positive effects of ICT tools. ( )

2 Choose the correct answer from a, b, c or d.

1. One of sources you can collect data ....
   a. information
   b. software
   c. books and articles
   d. none of them

2. .... is away to locate things via satellites
   a. GPS
   b. Printer
   c. GPR
   d. Mouse

3. The shape of the computer and its components differ according to ....
   a. mouse
   b. device's model and manufacturing date
   c. keyboard
   d. scanner

4. .... is special type of technology that helps people of determination with tasks that they find difficult .
   a. Output devices
   b. Assistive technology
   c. Operating System
   d. CPU

5. A strong password must include ....
   a. letters and numbers
   b. special characters
   c. both (a & b)
   d. none of them

6. .... is a repeated unkind behavior towards someone regularly.
   a. Bulling
   b. Chatting
   c. Blogs
   d. None of them

7. .... is a fun way to present idea to others
   a. PowerPoint® b. Excel c. Email d. Hacking

15 Minia Governorate Malay Educational Administration

1 Choose the correct answer from a, b, c or d.

1. Someone sent you friends request on a social networking site, you must ....
   a. close the device
   b. delete the friend request
   c. check his identity
   d. none of them
2. The touchscreen is one of .... device.
   a. input b. output c. input and output d. download
3. .... is used to locate things via satellite.
   a. GPR b. Drone c. GPS d. All of them
4. .... one of the programs that help to present your ideas.
   a. Powerpoint b. Word c. Excel d. Paint
5. .... and phones are ways to communicate online.
   a. Pens b. Computers c. Books d. Articles
6. When searching, type .... when you keywords.
   a. long phrases b. short phrases c. one word only d. two word only
7. A bully is a .... person.
   a. good b. smart c. bad d. strong
8. If it is difficult for you to remember all the password, you can use ....
   a. password manage b. PowerPoint c. antivirus d. Paint

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Add (-) before the words you need to be included in your search. ( )
2. You can access the (EKB) library. ( )
3. Your password must include your name only. ( )
4. Don't ask your teacher before contacting with unknown people. ( )
5. (GPN) stands for Global Positioning System. ( )
6. Screen helps in processing data. ( )
7. Books and magazine are sources of data collection. ( )

16 Assiut Governorate The Educational Computer Supervision

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Sharing your password with others is considered for you on the internet. ( )
2. Global Positioning System (GPS) connects to satellites to determine locations. ( )



3. You must ask permission before posting any information related to your friends. ( )
4. The magnetometer is used to detect cities buried underground. ( )
5. The sites can only be accessed using browsers such as Google Chrome. ( )
6. The information allowed on the internet is family name. ( )
7. You want to find a file in your PC, you should press on Del+Alt+Ctrl. ( )
8. CPU is responsible for data processing. ( )

2 Choose the correct answer from a, b, c or d.

1. .... is considered one of the input devices.
   a. Printer b. Microphone c. Monitor d. Mouse
2. Must be present in video chats ....
   a. paper, camera and internet b. camera, microphone and internet
   c. a camera and internet d. none of them
3. The .... is the easiest way to display the results of a search or an opinion poll.
   a. presentation b. word file c. graph d. Excel
4. .... is a way that converts letters into prominent symbols that can be read by touching.
   a. Earpiece b. Screen c. Braille d. GPS
5. One of the advantages of using ICT tools in our lives ....
   a. privacy b. easy access to information
   c. respect for the law d. strong
6. A device used to convert an image into a digital image the ....
   a. touch screen b. scanner c. mouse d. speaker
7. An email can be sent if there is ....
   a. the internet b. regular mail c. windows d. Excel

17 Qena Governorate — Dishna Educational Administration

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. GPS is used to find the location of places you might need to visit. ( )
2. The screen is an output device. ( )
3. CPU is a type of software. ( )
4. If the keyboard doesn't work, you must use the search box. ( )
5. We can use computer to write reports and play games. ( )
6. Braille transforms letters into prominent symbols that can be read by touching. ( )
7. Satellites are used underground. ( )

2 Choose the correct answer from a, b, c or d.

1. The .... help people who suffer from hearings problems.
   a. hearing aids   b. operating system   c. GPS   d. GPR
2. Press and hold the "Ctrl"+"Alt"+"Del" buttons when ....
   a. the screen freezes   b. you can't find a file
   c. an app won't open   d. the keyboard isn't working
3. You can collect data from many sources like ....
   a. keyboard   b. Gaps   c. books   d. both a&c
4. To search for an exact sentence, we put sentence between ....
   a. +   b. " "   c. -   d. /
5. PowerPoint is a Microsoft is ....
   a. a film   b. program   c. movie   d. game
6. The .... programs protects your devices from the risks that may harm.
   a. word processing   b. power point presentation
   c. anti-virus   d. browser
7. A bully is a .... person.
   a. good   b. smart   c. bad   d. strong
8. Spending too much time using technology causes ....
   a. eye strain   b. permanent activity   c. positive results   d. privacy

18 Sohag Governorate — Saqulta Educational Administration

1 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. When you tag someone you identify that person in a post. (   )
2. Be sure you know who you are chatting with online. (   )
3. If someone is unkind or makes you feel unsafe you can block the person. (   )
4. Windows and Android are the most famous operating system. (   )
5. GPS is an electronic device for processing data. (   )
6. Drones are used to find the location of something using satellites. (   )
7. Spam mail includes viruses. (   )
8. Albert Lin is an archaeologist. (   )

2 Choose the correct answer from a, b, c or d.

1. .... is repeated unkind behavior towards someone.
   a. Facebook   b. Google   c. Bullying   d. Chatting
2. .... help people who have trouble hearing.
   a. Hearing aids   b. Browser   c. Games   d. Excel



3. Personal information includes ....
   a. Cell phone b. Mouse c. Name d. none of them
4. When you .... someone, that person cannot see your posts or contact.
   a. block b. digital citizenship c. email d. blog
5. There are many ways to communicate online, we can use ....
   a. Learn b. Spam c. Tablet d. Printer
6. The positive effects of using ICT tools ....
   a. delete files b. download videos c. virus d. upload
7. .... type letter and numbers.
   a. Keyboard b. Mouse c. Screen d. Scanner

19 Luxor Governorate *The Educational Computer Supervision*

1 Choose the correct answer from a, b, c or d.

1. We use .... to determine the locations .
   a. GPS b. GPR c. RAM d. CPU
2. When someone mistreats you on the internet, you should ....
   a. block him b. send him a bad message
   c. close the device d. none of them
3. The .... is the online library that includes accurate information.
   a. EKB b. Wiki c. Blog d. Email
4. .... is a repeated unkind behavior towards someone.
   a. Hacking b. Headache c. Bullying d. Chatting
5. Social media sites are considered .... sources for getting information.
   a. trusted b. reliable c. unreliable d. weak
6. .... is used as a means of communication in modern times.
   a. E-mail b. Pencil c. Pen d. Book
7. Technology that helps people of determination to carry out their daily tasks easily is called ....
   a. magnetometer b. assistive technology c. software d. hardware
8. .... is used by blind people to read.
   a. Braille terminal b. Keyboard c. Camera d. Mouse

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. You can communicate with friends and family anywhere. ( )
2. Satellites are used underground. ( )
3. The tourist depend on the (GPR) to locate the different places. ( )

4. You must respect the privacy of people and ask them before posting. ( )
5. Block is considered one of the ways to communicate with your friend on the internet. ( )
6. Social media sites may include errors or mistakes. ( )
7. If you receive an unknown message in all capital letters it might be a spam. ( )

20 Aswan Governorate Nasr Al-Nuba Educational Administration

1 Choose the correct answer from a, b, c or d.

1. .... programs help poor vision people interact with the computer.
   a. Earphones b. Microphone
   c. Screen enlargement d. Motorized chair
2. .... is used to insert videos and take pictures into the computer.
   a. Keyboard b. Mouse c. Camera d. Microphone
3. Searching for an image on the computer. We search in the .... folder.
   a. Games b. Documents c. Pictures d. Movies
4. Data must be collected from .... sources to ensure its accuracy.
   a. Old b. reliable c. unreliable d. strange
5. The search engine .... is considered one of the most famous search engines.
   a. Google b. Facebook c. word d. whatsapp
6. Means that invite false advertisements to your e-mail ....
   a. video clip b. spam messages
   c. social networking d. downloading files
7. The files are displayed in advertising posters through ....
   a. letters b. numbers c. drawings d. symbols
8. To protect our devices from viruses, we want use the program ....
   a. Install b. Activate c. Control d. Update

2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. GPS is used to find the places we want to visit. ( )
2. The operating system is not necessary for running the computer. ( )
3. The Internet helps to find the information we want. ( )
4. One of the positives of information and communications technology is to help disabled people. ( )
5. The date entry is the last process to reach the final stage. ( )
6. All information on social media sites is correct. ( )
7. Easy passwords prevent hackers from accessing your device. ( )

ترخيص وزارة التربية والتعليم ٢٠١-٦-٢-٢٥٠

EL-MOASSER
Guide

INFORMATION & COMMUNICATION TECHNOLOGY

GPS

FREE PART | Teacher's **ORGANIZER**

Your Guide To Creative and Effective Teaching

ICT

4th Primary
FIRST TERM



تكنولوجيا المعلومات والاتصالات
للمدارس الرسمية والخاصة لغات

الصف الرابع الابتدائى
الفصل الدراسى الأول

Answers 4th ICT
Theme One



عزيزي المعلم / ولي الأمر يمكنك استخدام جدول التفسير الخاص بالإجابات حتى يتمكن الطالب من معرفة الخطأ وتصحيحه ومراجعة الدرس.

Lesson 1

تدريبات من الامتحانات السابقة

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✓)	
3. (✗)	Global positioning system
4. (✓)	
5. (✗)	GPS
6. (✓)	
7. (✓)	

2 Choose the correct answer from a. b. c or d.

الإجابة	التفسير
1. (b) GPS	يساعد في تحديد الأماكن باستخدام الأقمار الصناعية.
2. (a) Magnetometer	يستخدم للكشف عن المعادن في باطن الأرض.

تدريبـات كتـاب المعـاصـر

1 Choose the correct answer from a. b. c or d.

الإجابة	التفسير
1. (d) both (a) and (b)	ألبرت لين مستكشف وعالم آثار.
2. (c) both (a) and (b)	توفر أدوات عالم الآثار عليه الوقت والجهد.
3. (a) GPS	يساعد في تحديد الأماكن باستخدام الأقمار الصناعية.
4. (b) GPR	يستخدم في الكشف عن الأجسام في باطن الأرض.
5. (a) Magnetometer	مقياس المغناطيسية يستخدم في الكشف عن المعادن في باطن الأرض.
6. (b) Satellites	يستخدم في التقاط الصور فوق سطح الأرض.

7. (c) Archaeologists	نستخدم علماء الآثار الأدوات المختلفة لاستكشاف المناطق الأثرية بدون حفر.
8. (b) drones	يلتقط ألبرت لين الصور من خلال الطائرات بدون طيار.
9. GPS	GPS طريقة لتحديد المواقع باستخدام الأقمار الصناعية.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	under
3. (✗)	save time
4. (✓)	
5. (✗)	above
6. (✗)	drones
7. (✓)	
8. (✗)	GPS

للتدريب فقط

3 Choose from column (A) what suits it in column (B).

الإجابة	التفسير
1. (c)	يساعد في تحديد المواقع التي تريد زيارتها.
2. (b)	يساعد في اكتشاف المعادن تحت الأرض.

4 Read and correct the words between brackets.

الإجابة	التفسير
1. GPR	يستخدم في إيجاد الأشياء المدفونة تحت الأرض.
2. Radar	اختصار للرادار المخترق للأرض.
3. Magnetometer	يستخدم للبحث عن المعادن تحت الأرض.
4. Explorer	يعد ألبرت لين مستكشف.
5. GPS	اختصار لـ (نظام تحديد المواقع العالمية).

5 Complete the following sentences with the appropriate words between brackets.

الإجابة	التفسير
1. cost	الأدوات التكنولوجية توفر في التكلفة والمجهود.
2. GPR – Magnetometer	الرادار المخترق للأرض ومقياس المغناطيسية من أدوات علماء الآثار للبحث تحت الأرض.
3. GPS	طريقة لتحديد مواقع الأشياء باستخدام الأقمار الصناعية.

6 Read and complete.



7 Read and circle the correct one.

الإجابة	التفسير
1. Magnetometer - GPR	يعمل والداى كعلماء آثار، يستخدمون (Magnetometer) لإيجاد المعادن تحت الأرض. بينما تستخدمون (GPR) لإيجاد الأجسام المدفونة تحت الأرض.

Lesson 2

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (b) Email	البريد الإلكتروني استخدم في العصر الإلكتروني.
2. (c) Electro-Mechanical	اخترعت خطوط الهواتف والهاتف في عصر الثورة الكهربائية - الميكانيكية.

3. (c) Mechanical	عصر ما قبل الثورة الميكانيكية تم فيه اختراع أدوات الطباعة وآلة بسكالين.
4. (c) Electronic	GPS و satellites تم اختراعهم في عصر الثورة الإلكترونية.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	Mechanical
2. (✗)	Electronic
3. (✓)	

تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (b) Mechanical	في هذا العصر استطاع الناس تسجيل كم هائل من المعلومات.
2. (c) Electro-Mechanical	ظهر في عصر الثورة الإلكتروميكانيكية بداية الاتصالات التي نعرفها اليوم.
3. (a) Electronic	العصر الإلكتروني هو عصر انفجار المعلومات.
4. (c) calculating	آلة بسكالين هى أول آلة تستخدم في الحسابات.
5. (b) Mechanical	طباعة الكتب ظهرت في العصر الميكانيكي.
6. (d) Electron-Mechanical	تم اختراع الكهرباء لأول مرة فى عصر الثورة الكهربائية - الميكانيكية.
7. (a) Pre-mechanical	استطاع الناس تسجيل كم هائل من المعلومات حول الاتفاقات المبرمة فى هذا العصر من خلال الصور.
8. (a) Electronic	اختراعات العصر الإلكترونى ساعدت الأشخاص على التواصل حول العالم باستخدام البريد الإلكترونى والرسائل الفورية.
9. (b) Mechanical	يعد العصر الميكانيكى عصر ظهور آلات الطباعة، الآلة الكاتبة والآلة الحاسبة.
10. (c) Electro – Mechanical	يعد العصر الكهروميكانيكى عصر ظهور التليفون، خطوط الهاتف ومشكلات الإسطوانات.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	Electro-Mechanical
2. (✗)	very big

3. (✗)	GPS
4. (✓)	
5. (✗)	Electronic
6. (✗)	Electro-mechanical
7. (✗)	Mechanical

للتدريب فقط

3 Complete the following sentence with the appropriate words in brackets.

الإجابة	التفسير
1. calculators	تعد آلة سكالين الإصدار الأول من الآلات الحاسبة.
2. Pascaline	تميز العصر الميكانيكى بظهور آلة بسكالين.
3. laptops	تميز عصر الثورة الإلكترونية بظهور أجهزة الكمبيوتر المحمولة.
4. The Mechanical Age	تم اختراع آلة بسكالين فى العصر الميكانيكى.

Accumulative Test on Lessons 1 & 2

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (a) Pre-mechanical	تواصل الناس باستخدام الصور في عصر ما قبل الثورة الميكانيكية.
2. (c) Mechanical	ظهرت آلة بسكالين في عصر الثورة الميكانيكية.
3. (b) archaeological sites	استخدام الأدوات التكنولوجية ساعد المستكشفين الآثريين في استكشاف المواقع الأثرية.
4. (c) Electronic	عصر الثورة الإلكترونية يسمى عصر المعلومات.
5. (b) GPS	يستخدم لإيجاد المواقع باستخدام الأقمار الصناعية.
6. (c) Magnetometer	يقيس الحقل المغناطيسى لإيجاد المعادن تحت الأرض.
7. (d) GPR	يستطيع اكتشاف الأشياء المدفونة تحت الأرض.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	GPS
2. (✗)	under
3. (✓)	
4. (✗)	GPS

5. (✓)	
6. (✗)	GPS
7. (✓)	

Lesson 3

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a. b. c or d.

الإجابة	التفسير
1. (c) Braille terminal	برايل هي طريقة لتحويل الحروف إلى رموز بارزة يمكن أن يقرأها الكفيف عن طريق اللمس.
2. (a) printer	الطابعة تقوم بطباعة الصور والنصوص على ورق.
3. ([illegible]) keyboard	لوحة المفاتيح تستخدم في الكتابة على الكمبيوتر.
4. (d) all of them	الكمبيوتر يستخدم في كتابة المستندات وإرسال رسائل البريد الإلكتروني.
5. (b) mouse	تستخدم الفأرة في تحريك الأيقونات بسهولة.
6. (c) screen	الشاشة هي وحدة إخراج وليست إدخال.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	printer
3. (✓)	
4. (✓)	

تدريبـات كتـاب المعـاصـر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (a) keyboard	تستخدم في الكتابة على الكمبيوتر.
2. (a) screen	الشاشة تستخدم في عرض ما يقوم الكمبيوتر بعمله.
3. (a) braille terminal	جهاز يستخدم في الكتابة بطريقة برايل لفاقدي البصر.
4. (b) speakers	السماعات تستخدم في الاستماع إلى الأصوات والموسيقى.
5. (c) both of them	يمكن استخدام الكمبيوتر في اللعب واستعراض صفحات الإنترنت.
6. (c) printer	الطابعة تستخدم في طباعة النصوص والصور على الورق وتعتبر من وحدات الأخراج .

7. (a) Mouse	تمكن من التفاعل وتحديد المعلومات.
8. (c) Screen	تظهر البيانات المرئية مثل النصوص والصور والفيديو.
9. (c) Camera	تسمح بإدخال الصور والفيديو.
10. (d) Keyboard	تسمح بإدخال النصوص.
11. (a) Scanner	تسمح بإدخال النصوص والصور من الورق.
12. (c) Printer	جهاز يستخدم لإخراج النصوص والصور على الورق.
13. (c) Microphone	جهاز يستخدم لإدخال الأصوات.
14. (d) Speaker	جهاز يستخدم لإخراج الأصوات.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	isn't like
3. (✓)	
4. (✓)	

للتدريب فقط

3 Complete the following statements with appropriate words in brackets.

الإجابة	التفسير
1. keyboard	تستخدم لكتابة الحروف والأرقام.
2. microphone	يستخدم لإدخال الأصوات داخل الكمبيوتر.
3. computer	جهاز إلكترونى يستقبل البيانات ويقوم بتحويلها إلى معلومات.
4. screen	تقوم بعرض الصور والفيديو.
5. mouse	تستطيع بواسطتها تحريك الأشياء بسهولة.
6. scanner	يسمح بإدخال النصوص والصور من الورق.

4 Match.

الإجابة	التفسير
1. (c) microphone	يستخدم لإدخال الأصوات.
2. (a) scanner	يستخدم لإدخال النصوص والصور من الورق إلى الكمبيوتر.
3. (b) keyboard	تمكننا من كتابة الحروف والأرقام.

للتدرب فقط

5 Read and write the device.

الإجابة	التفسير
1. keyboard	نستخدمها للكتابة وإخبار الكمبيوتر ماذا يفعل
2. printer	نستخدم لطباعة الصور من الكمبيوتر على الورق.
3. speaker	نستخدمها لسماع الآخرين.
4. Braille terminal	نستخدمها في كتابة النص بطريقة برايل
5. screen	تظهر ما نقوم بعمله على الكمبيوتر.
6. camera	تسمح للأشخاص برؤيتك.

Lesson 4

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (c) CPU	وحدة المعالجة المركزية من مكونات أجهزة الكمبيوتر.
2. (c) software	يعد برنامج معالجة النصوص مثل Microsoft word أحد أنواع البرمجيات .
3. (d) CPU	يتحكم في كيفية معالجة البيانات.
4. (a) keyboard	لوحة المفاتيح تستخدم في الكتابة.
5. (b) operating systems	Windows من أشهر أنظمة التشغيل.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	hardware
2. (✓)	
3. (✓)	

تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (b) Microsoft Word	برنامج word يستخدم في كتابة التقارير.
2. (c) hardware	CPU أحد أنواع مكونات أجهزة الكمبيوتر Hardware.

3. [illegible] screen	نظام التشغيل يستقبل المعلومات من CPU ويقوم بعرضها على الشاشة.
4. [illegible] software	برنامج Word من البرمجيات.
5. [illegible] CPU	يعتبر من المكونات المادية للكمبيوتر.
6. (d) All of them	يعد الويندوز والوورد والباوربوينت من برمجيات الكمبيوتر.
7. [illegible] CPU	يتحكم في كيفية معالجة البيانات.
8. (c) Windows	يمكننا من استخدام الكمبيوتر.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	It processes data and converts it to useful information.
3. (✗)	PowerPoint and Microsoft

للتدريب فقط

3 Complete the following sentences with the appropriate words in brackets.

الإجابة	التفسير
1. CPU	وحدة المعالجة المركزية تقوم بمعالجة البيانات.
2. software	برنامج الكتابة Word أحد أنواع البرمجيات.

4 Match.

الإجابة	التفسير
1. (c)	Windows هو أشهر نظام تشغيل.
2. (a)	نظام التشغيل يرسل البيانات إلى CPU.
3. (b)	نظام التشغيل يستقبل المعلومات ويعرضها على الشاشة.

5 [illegible] and sort.

Hardware	Operating system	Application software
CPU	Android	PowerPoint
Keyboard	Windows	Google Chrome

6 Read and write the name of the app.

الإجابة	التفسير
1. CPU	هو نوع من أنواع أجهزة الكمبيوتر ويقوم بمعالجة البيانات.



2. operating system	نظام التشغيل يستقبل المعلومات ويقوم بعرضها على الشاشة.
3. windows	Windows هو أشهر نظام تشغيل.
4. keyboard	لوحة المفاتيح من المكونات المادية للكمبيوتر.

Accumulative Test on Lessons 1, 2, 3 & 4

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (a) keyboard	تستخدم للكتابة على الكمبيوتر.
2. (a) Braille terminal	تسمح للمكفوفين بالقراءة.
3. ([illegible]) all of them	يمكن استخدام الكمبيوتر في اللعب واستعراض صفحات الإنترنت وتخزين الملفات.
4. (b) The Operating System	نظام التشغيل يرسل البيانات إلى وحدة المعالجة المركزية.
5. (a) Printer	تستخدم لطباعة النصوص والصور على الورق.
6. (c) Keyboard	جهاز يساعد في كتابة الحروف والأرقام.
7. (c) GPR	يستخدم في اكتشاف الأجسام المدفونة تحت الأرض.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	isn't
3. (✓)	
4. (✗)	keyboard
5. (✓)	
6. (✓)	
7. (✗)	Hardware
8. (✓)	

Lesson 5

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. b. assistive technology	تكنولوجيا تساعد ذوى الهمم على أداء مهامهم الحياتية بسهولة.

2. a. speech	تساعد برامج الاتصال البديلة الأشخاص الذين يعانون من صعوبة النطق.
3. a. prosthetic leg	تساعد الأشخاص الذين فقدوا أطرافهم على الحركة.
4. a. Hearing aid	تساعد سماعات الأذن الطبية الأشخاص الذين يعانون من مشاكل في السمع.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	move and explore new places
2. (✓)	
3. (✓)	
4. (✓)	

تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. b. Screen Magnification	برنامج يقوم بتكبير كل شيء يظهر على الكمبيوتر.
2. a. prosthetic leg	ألبرت لين لديه قطع في أحد أطرافه، لهذا فهو يستخدم طرفا اصطناعيًا.
3. c. Alternate communication software	تساعد الأشخاص الذين يعانون من صعوبة في النطق واللغة على التواصل مع الآخرين.
4. a. communicate	كان ستيفن هوكينج عالمًا مشهورًا استخدم التكنولوجيا المساعدة ليتواصل مع الأخرين.
5. a. Hearing aids	تساعد الأشخاص الذين يعانون من ضعف في السمع.
6. b. screen magnification	تستخدمها الأشخاص الذين يعانون من ضعف في الرؤية لتكبير كل شيء على شاشة الكمبيوتر
7. c. handbike	له ثلاثة عجلات ويتم التحكم به باليد
8. d. Paraclimbing tools	تساعد المتسلقين الذين فقدوا أحد أطرافهم على تسلق الجبال.
9. a. Speech synthesizer	يحول الكتابة إلى أصوات صناعية وبالتالى يسمح للأشخاص بالاستماع لما يود الأشخاص الذين عندهم مشكلات فى النطق

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	screen Magnification
2. (✓)	
3. (✗)	scientist
4. (✓)	
5. (✓)	

Lesson 6

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. **d.** keyboard isn't working	في حالة عطل لوحة المفاتيح تأكد من توصيلها بشكل صحيح.
2. **b.** use the search box	يستخدم صندوق البحث في البحث عن الملفات.
3. **a.** the screen freezes	في حالة توقف الشاشة عند العرض نضغط باستمرار على (Ctrl + Alt + Del) معًا.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	check your downloads folder
2. (✓)	
3. (✗)	make sure you connect the keyboard cable to the correct place

تدريبـات كتـاب المعـاصـر

1 Choose the correct answer form a, b, c or d.

الإجابة	التفسير
1. **d.** both (a) and (b)	من أدوات تكنولوجيا المعلومات، الموبايل، الكمبيوتر المحمول.
2. **b.** Ctrl + Alt + Delete	في حالة توقف الشاشة عند العرض نضغط على (Ctrl + Alt + Del) معًا.
3. **a.** Search box	إذا لم تجد ملف داخل الكمبيوتر استخدم صندوق البحث.

4. a. Search box	استخدم صندوق البحث عند عدم العثور على ملف.
5. c. ask your teacher or family	عند عدم القدرة على حل بعض مشكلات الكمبيوتر يجب عليك سؤال أحد أفراد عائلتك.
6. b. picture	إذا لم تتمكن من إيجاد صورة قم بالبحث في مجلد الصور.
7. c. Word	يمكنك استخدام الوورد لكتابة تقارير المدرسة والواجبات.
8. d. All of them	اللاب توب والتابلت والكمبيوتر من أدوات تكنولوجيا المعلومات والاتصالات.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	a lot of
2. (✗)	different tasks
3. (✓)	
4. (✓)	
5. (✗)	CTRL + ALT + Del

للتدريب فقط

3 Match.

الإجابة	التفسير
1. (b)	قم بإغلاق الكمبيوتر لغلق التطبيقات على جهازك.
2. (a)	إذا لم يفتح التطبيق، قم بإلغاء التطبيق وإعادة تثبيته.
3. (c)	لو توقفت الشاشة عن العرض اضغط مع الاستمرار على (Ctrl + Alt + Del) معًا.

4 Complete the following sentences with appropriable words in brackets.

الإجابة	التفسير
1. restart the device	نعيد تشغيل الجهاز في حالة أنه يوجد تطبيق لا يفتح.
2. ICT tools	من أدوات تكنولوجيا المعلومات، جهاز الكمبيوتر، الكمبيوتر المحمول والكمبيوتر اللوحي.
3. your screen freezes	في حالة توقف الشاشة عند العرض نضغط باستمرار على (Ctrl + Alt + Del) معًا.

5 Read and tick (✓) the correct solution.

الإجابة	التفسير
1. Check that your software is up to date.	إذا لم يفتح التطبيق تأكد من أن البرنامج مُحدث.
2. Check the mouse connection to the cable and restart the device.	إذا مؤشر الفأرة لا يعمل تأكد من توصيل كابل الفأرة وإعادة تشغيل الجهاز.
3. There might be a defect in it and you might need to replace it.	إذا لم تتمكن من الكتابة على لوحة المفاتيح قد يكون هناك عيب في لوحة المفاتيح وربما تحتاج إلى استبدالها.

Accumulative Test on Lessons 1, 2, 3, 4, 5 & 6

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. c. assistive technology	ألبرت لين لديه قطع في أحد أطرافه، فهو يستخدم التكنولوجيا المساعدة.
2. b. Ctrl + Alt + Delete	في حالة توقف الشاشة عند العرض نضغط باستمرار على [Ctrl + Alt + Del] معًا.
3. c time and effort	باستخدام أدوات علماء الآثار يمكننا توفير الوقت والجهد.
4. b. Hearing aids	تساعد سماعات الأذن الطبية الأشخاص الذين يعانون من مشاكل في السمع.
5. c mouse cable	إذا لم يعمل الماوس تأكد من التوصيل السليم لكابل الماوس.
6. c. CPU	تعد وحدة المعالجة المركزية نوعًا من الأجهزة.
7. a. Magnetometer	يستخدم لاكتشاف المعادن تحت الأرض.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✓)	
3. (✗)	Screen Magnification
4. (✓)	
5. (✗)	speech synthesizer

6. (✓)	
7. (✗)	without using satellite
8. (✓)	

Lesson 7

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. b. analyze them	يجب تحليل البيانات قبل عرضها.
2. c. books	يمكنك تجميع بيانات من مصادر متعددة مثل الكتب.
3. c. books	الكتب هي أفضل طريقة لتجميع البيانات.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	Many sources
3. (✓)	
4. (✗)	trusted sources

تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. b. graph	بعدما قمت بتحليل البيانات التي قمت بتجميعها، أنت الان جاهز لعرض المعلومات بشكل رسوم بيانية.
2. a. review	بعدما قمت بتحليل البيانات التي قمت بتجميعها، يجب عليك مراجعة النتائج.
3. a. bar graph	شريط الرسم البياني هو النوع الشائع لعرض المعلومات.
4. c. Excel program	أفضل برنامج لإنشاء رسوم بيانية.
5. a. trends	أفضل طريقة لتفسير الكثير من البيانات هي البحث عن الأنماط المتكررة في المعلومات.
6. c. findings	عند تحليل البيانات يجب عليك مراجعة ما وجدت.
7. d. all of them	يمكنك جمع البيانات من مصادر متعددة مثل الكتب والمقالات والسجلات.

8. a. Bar	يمكن لهذا النوع من الرسوم البيانية عرض ومقارنة مختلف الأنواع من المعلومات.
9. c. trusted	عند جمع البيانات تأكد دائمًا من استخدام مصادر موثوقة.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	present
3. (✓)	
4. (✗)	trusted sources
5. (✓)	

للتدريب فقط

3 Complete the following sentences with the appropriate words in brackets.

الإجابة	التفسير
1. collect	يمكنك تجميع بيانات من مصادر متعددة.
2. trusted	يجب أن تتأكد أن مصادر معلوماتك هي مصادر موثوقة.
3. Bar graphs	يمكنها المقارنة بين فئات المعلومات المختلفة.

4 Read and write the name of the step.

الإجابة	التفسير
1. Collecting data	يمكنك جمع المعلومات من مصادر مختلفة.
2. Graph	الرسوم البيانية تعرض وتقارن بين فئات المعلومات المختلفة.
3. Analyze data	لمراجعة النتائج الخاصة بك وتفسير ما تعنيه هذه النتائج.

Lesson 8

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. b. emails	البريد الإلكترونى أشهر طريقة لعرض البيانات.
2. c. video calls	في مكالمات الفيديو نحتاج إلى كاميرا و ميكروفون.

3. Social media	التواصل الاجتماعي طريقة لعرض المعلومات من خلال كتابة منشورات والتعليق على منشورات أخرى عبر الإنترنت.
4. Video chat	دردشة الفيديو هي تواصل مرئي صوت وصورة عبر الإنترنت باستخدام كاميرا الويب.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	are undocumented
2. (✗)	social media
3. (✓)	
4. (✓)	
5. (✓)	

تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. c. both of them	هناك أكثر من طريقة يستخدمها الباحثون لعرض المعلومات التي تم جمعها مثل المدونات ومواقع التواصل الاجتماعي.
2. a. E-mail	البريد الإلكتروني أشهر طريقة لعرض البيانات.
3. b. many ways	هناك طرق متعددة للتواصل مع الأخرين إلكترونيًا.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	many ways
3. (✓)	
4. (✓)	
5. (✓)	

للتدريب فقط

3 Complete the following sentences with the appropriate words in brackets.

الإجابة	التفسير
1. E-mail	البريد الإلكترونى أشهر طريقة لعرض البيانات وإرفاق الملفات.

2. digital blogs	تسمى الآراء التى تعبر عن صاحبها والمنشورة على الإنترنت.
3. Published articles	تحتوى على معلومات متاحه للنشر.

4 Read and tick (✓) the correct one.

الإجابة	التفسير
1. A text message is used between friends to communicate.	يستخدمها الاصدقاء كطريقة لتواصل مع بعضهم البعض.
2. Social Media sites are undocumented sources of information.	أنهم من المصادر غير الموثقة للمعلومات.
3. Blogs are websites that contain personal notes and opinions.	مواقع إلكترونية تحتوى على ملاحظات وآراء شخصية.

Sample Tests On Theme One



Sample Test 1

1 Choose the correct answer from a, b, c or d.

1. a. Magnetometer
2. b. Ground Penetrating Radar
3. d. Magnetometer
4. c. GPS
5. b. Ctrl + Alt + Delete
6. a. bargraph
7. c. Excel

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓)
2. (✗) some components
3. (✓)
4. (✗) Input units
5. (✓)
6. (✓)
7. (✗) Hardware
8. (✓)

Sample Test 2

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) GPS
2. (✗) GPS
3. (✓)
4. (✗) many sources
5. (✓)
6. (✗) trusted sites
7. (✓)

2 Choose the correct answer from a, b, c or d.

1. c. GPS
2. b. Magnetometer
3. c. printer
4. a. input
5. c. Operating systems
6. c. Operating system
7. c. scientist
8. c. restart your device

Sample Test 3

1 Choose the correct answer from a, b, c or d.

1. c. bar
2. b. Video chats
3. a. search box
4. b. graph
5. a. bar graph
6. a. search box
7. c. both (a) and (b)

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓)
2. (✓)
3. (✓)
4. (✗) Mouse
5. (✓)
6. (✗) hear
7. (✓)
8. (✓)

Sample Test 4

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓)
2. (✓)
3. (✓)
4. (✓)
5. (✓)
6. (✓)
7. (✓)
8. (✗) are sources

2 Choose the correct answer from a, b, c or d.

1. a. keyboard
2. a. Braille terminal
3. d. all of them
4. d. Scanner
5. c. mouse cable
6. c. CPU
7. b. analyze them

Answers 4th ICT Theme Two



عزيزى المعلم / ولى الأمر يمكنك استخدام جدول التفسير الخاص بالإجابات حتى يتمكن الطالب من معرفة الخطأ وتصحيحه ومراجعة الدرس.

Lesson 1

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. a. on the internet	«أنيفا أولاه» بحثت عن نوع المكسرات الغريب على الإنترنت.
2. b. search engines	تساعدك محركات البحث في البحث عن المعلومات على الإنترنت.
3. a. Google	يعد جوجل أشهر محرك بحث في العالم.
4. b. internet	الطلاب يمكنهم إيجاد كل أنواع المعلومات من خلال الإنترنت.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✓)	
3. (✓)	
4. (✗)	It's important
5. (✗)	Google

تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d

الإجابة	التفسير
1. a. biologist	تعمل أنيفا أولاه كعالمة أحياء.
2. c. Internet	الإنترنت شبكة عالمية تقوم بتوصيل ملايين من الأجهزة حول العالم.
3. b. online encyclopedia	الموسوعات الإلكترونية هي إحدى الطرق التي استخدمتها أنيفا أولاه للحصول على المعلومات.
4. b. check	يجب أن تتحقق من المصادر عبر الإنترنت.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✓)	
3. (✗)	isn't accurate
4. (✓)	
5. (✓)	

للتدريب فقط

3 Complete the following statements with appropriate words between brackets.

الإجابة	التفسير
1. Google	يعد جوجل من أشهر محركات البحث في الحصول على المعلومات.
2. search engine	محرك البحث عبارة عن برمجية تستخدم في البحث عبر الإنترنت.

4 Complete the following diagram by using the following sentences.

2 ⇒ 5 ⇒ 1

4 ⇐ 3 ⇐

Lesson 2

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a. b. c or d.

الإجابة	التفسير
1. b. block him	في حالة تصرف معك أحد الأشخاص بطريقة سيئة على الإنترنت يجب عليك حظره.
2. a click on unknown links	إذا ضغطت على روابط غير معروفة من الممكن أن يصاب جهازك بفيروسات.
3. c unknown person	يجب عليك ألا تتواصل مع شخص غير معروف.
4. a Personal data	معلومات الشخصية ممكن أن تشتمل على (أسمائك عنوانك وتاريخ ميلادك)
5. b instant messages	يمكن أن يتواصل الأشخاص عن طريق الرسائل الفورية للتواصل مع بعضها.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	Email
3. (✓)	

تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. d. All of them	الهواتف والأجهزة اللوحية والكمبيوتر المحمول من الأجهزة التي يمكن أن تتصل بالإنترنت.
2. c. mustn't open	عندما يرسل لك شخص رابط، يجب عليك ألا تفتحه.
3. b. tell the teacher or parents	عندما ترى موقع به محتوى غير ملائم، يجب عليك أن تخبر مدرسك أو أحد أفراد عائلتك.
4. d. both a & b	البريد المزعج يحتوي على رسائل غير مرغوبة وأيضا عناوين وروابط غير معروفة.
5. a. damage your files	الفيروس يمكن أن يدمر ملفاتك.
6. b. personal data	معلوماتك الشخصية ممكن أن تشتمل على (أسمك، عنوانك واسم مدرستك).
7. d. both a & b	إذا احتوى البريد على عناوين غير معروفة وأخطاء نحوية يمكن أن تكون هذه رسائل مزعجة.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	can communicate
3. (✗)	should tell the teacher or parents
4. (✓)	
5. (✓)	
6. (✓)	
7. (✗)	may contain
8. (✓)	

9. (✓)	
10. (✓)	
11. (✓)	
12. (✗)	unsafe
13 .(✗)	unuseful
14. (✓)	

للتدريب فقط

3 Complete the following sentences with the appropriate words in brackets.

الإجابة	التفسير
1. block	إذا قمت بحظر شخص ما، فلن يكون قادرًا على رؤية حسابك.
2. spam	البريد المزعج يحتوى على الرسائل غير المرغوبة.
3. links	يجب عدم الضغط على الروابط الغير مؤكدة لك عند استعراض صفحات الإنترنت.
4. harmful	الفيروسات هى أحد الأشياء الضارة التى تصيب جهاز الكمبيوتر.
5. download	عند تنزيل ملف فإنه يتم حفظه على جهازك.
6. personal data	فكر جيدًا قبل نشر عنوانك أو أى بيانات شخصية عبر الإنترنت.

4 Match.

الإجابة	التفسير
1. (b)	الحظر يسمح لك بمنع الأشخاص غير المرغوب فيهم من رؤية بياناتك الشخصية.
2. (a)	المعلومات الشخصية تعنى اسمك، عنوانك، تاريخ ميلادك.
3. (c)	يحتوى البريد المزعج على إعلانات عن منتجات ويمكن أن تحتوى على فيروسات.

5 Read the scenarios and check the boxes. There may be more than one correct answer.

الإجابة	التفسير
1. (b) (c)	يجب عليه أن يسأل والديه للمساعدة ولا يقوم بفتح الملف. يجب عليه مسح أو تجاهل الرسالة.
2. (b)	يجب عليك أن تخبر والديك.

Accumulative Test on Lessons 1 & 2

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. a. biologist	تعمل أنيفا أولاه كعالمة أحياء.
2. b. Google website	يعد جوجل أشهر محرك بحث في العالم.
3. a. block the person	لو كان هناك شخص غير عطوف وجعلك تشعر بعدم الأمان يجب عليك حظر هذا الشخص.
4. d. both (a) and (b)	عندما ترى موقع به محتوى غير ملائم، يجب عليك أن تغادر الموقع وتخبر مدرسك أو أحد أفراد عائلتك.
5. a. spam message	الرسائل المزعجة نوع من البريد الذى يحتوى على رسائل غير مرغوب فيها أو إعلانات.
6. a. block	يمكن أن تحظر شخص لا تشعر بأمان عند التعامل معه.
7. a. films	قامت أنيفا أولاه بإعداد أفلام لأنها أرادت أن يستخدم الناس هذا النوع من المكسرات بطريقة أكثر أمانا.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	leave the website
2. (✓)	
3. (✓)	
4. (✗)	It is important
5. (✓)	
6. (✓)	
7. (✓)	
8. (✗)	You must check

Lesson 3

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (a) eye strain	إجهاد العين قد ينتج من استخدام الأدوات التكنولوجية لفترة طويلة.

2. ( ) positive	من إيجابيات الإنترنت الوصول إلى المعلومة بطريقة سهلة وسريعة.
3. ( ) Banned sites	المواقع المحجوبة ربما تنشر مواد غير دقيقة وغير أخلاقية وضارة.
4. ( ) all of them	قبل نشر أي معلومات على وسائل التواصل الاجتماعي يجب التأكد من محتواها وأنها غير ضارة لأي شخص.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	negative
2. (✓)	
3. (✓)	
4. (✓)	
5. (✗)	positive
6. (✓)	
7. (✗)	known

تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (a) tag	عند ذكر شخص معين فإنه يتم تحديده داخل المنشور.
2. (b) positive	من الجوانب الإيجابية لاستخدام أدوات تكنولوجيا المعلومات والاتصالات إنك تتصفح الأخبار بمجرد الضغط عليها بالفأرة.
3. (b) responsible	يجب أن تكون مسئول عند استخدام أدوات تكنولوجيا المعلومات والاتصالات.
4. (a) verify	قبل نشر أي معلومات على مواقع التواصل الاجتماعي يجب التحقق من مصدر المعلومات.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	in accurate, immoral and harmful.
3. (✗)	You should
4. (✓)	

5. (✓)	
6. (✗)	is not
7. (✗)	positive and negative

للتدريب فقط

3 Complete the following sentences with the appropriate words between brackets.

الإجابة	التفسير
1. tools	يجب استخدام أدوات تكنولوجيا المعلومات والاتصالات بحكمة وأخلاق.
2. positive	أدوات تكنولوجيا المعلومات لها جانب إيجابي وجانب سلبي.
3. ask them permission first	عند نشر موضوع على الإنترنت وذكر اسم صديق يجب أخذ الإذن أولًا.

4 Rearrange the following so you can tag a friend in a post.

الإجابة	التفسير
1. (a)	تحديد المنشور
2. (c)	طلب الإذن أولًا قبل الإشارة إلى أصدقائك.
3. (b)	أكمل منشورك وقم بمشاركته.

Lesson 4

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a. b. c or d.

الإجابة	التفسير
1. (b) " "	للبحث عن جملة معينة يجب وضعها بين علامتي التنصيص.
2. (c) search engines	تستخدم محركات البحث في البحث عن المعلومات على الإنترنت.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✓)	
3. (✓)	

4. (✓)	
5. (✗)	Add (+)

تدريبـات كتـاب المعـاصـر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (a) child-friendly website	اختر المواقع الصديقة للأطفال لاحتوائها على فلاتر لتمنع وصول الفيديوهات الغير مناسبة لسنهم.
2. (a) long phrases	عند البحث استخدم الجمل الطويلة اذا كانت الكلمات عامة.
3. (b) (+) sign	المعامل + يستخدم للربط بين الكلمات.
4. (c) (-) sign	المعامل – يستخدم لاستبعاد كلمة أو أكثر من نتائج البحث.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✓)	
3. (✓)	
4. (✓)	
5. (✗)	can search
6. (✗)	browser

للتدريب فقط

3 Complete the following sentences with the appropriate words between brackets.

الإجابة	التفسير
1. Browser	المتصفح هو أحد التطبيقات المستخدمة للوصول إلى المعلومات عبر الإنترنت.
2. image	عند البحث عن المعلومات يمكنك استخدام الصورة بدلًا من الكلمات.
3. quotation marks	إذا كنت تبحث على عبارة معينة ضعها بين علامات تنصيص.

4 Match.

الإجابة	التفسير
1. (c)	المتصفح يستخدم في الدخول على الإنترنت.



2. (a)	للوصول لنتائج أفضل يجب كتابة جمل طويلة.
3. (b)	النتائج هي قائمة نتجت عن البحث.

5 Read and circle the correct one.

الإجابة	التفسير
1. safe	يجب أن يكون المتصفح آمن.
2. warn	اختر المتصفحات التى تحذر المستخدمين.

6 Read and write the app.

الإجابة	التفسير
1. Browser	المتصفح هو عبارة عن برنامج يقوم باستعراض مواقع الإنترنت.
2. search engines	محركات البحث تستخدم فى البحث عبر الإنترنت.
3. child friendly websites	المواقع الملائمة للأطفال هى مواقع تحتوى على مرشحات لحجب الروابط غير الآمنة.
4. search result	نتائج البحث هى قائمة التى تم تجميعها بناء على البحث.

Accumulative Test on Lessons 1, 2, 3 & 4

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (a) browser	عند استخدام الإنترنت يجب اختيار متصفح يعطى تنبيه المستخدم حال الدخول فى مواقع غير آمنة.
2. (b) link	ال tag يوفر رابط للشخص لرؤية المنشور.
3. (c) both of a & b	قبل وضع منشور ما يجب أن تسأل نفسك هل هذا المنشور جيد، هل ربما يكون مؤلم للآخرين.
4. (b) (+) sign	علامة + تستخدم للربط بين الكلمات أثناء عملية البحث.
5. (d) all of them	الفيروس قد يأتى من تنزيل ملف من مواقع غير موثوقة، فتح رسالة مزعجة أو الضغط على رابط غير معروف.
6. (a) search engine	عند كتابة سؤال فى محرك البحث فستجد الإجابة بسرعة وسهولة.
7. (a) negative	إحدى التأثيرات السلبية لمواقع التواصل الاجتماعى أنك قد ترى شيئًا يزعجك.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	ask for help

2. (✗)	There is child-friendly
3. (✓)	
4. (✗)	It is important
5. (✓)	
6. (✓)	
7. (✗)	your files
8. (✗)	add (–)

Lesson 5

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. a. Wiki	الويكي يعتبر من المصادر الرقمية غير الموثوقة.
2. b. reliable online sources	بنك المعرفة المصري من المصادر الإلكترونية الموثوقة.
3. b. reliable	المواقع الحكومية والتي تنتهي بـ gov. من المصادر الموثوقة.

2 Put (✓) in front of the correct sentences and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	EKB
2. (✗)	Reliable source
3. (✓)	
4. (✓)	

تدريبـات كتـاب المعـاصـر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. a. unreliable	المعلومات غير الموثوقة يمكن أن تحتوي على آراء، أخطاء وحتى أكاذيب.
2. d. all of them	المعلومات التي تحتوي على آراء، أخطاء وحتى أكاذيب ممكن أن تأتى من مواقع التواصل الاجتماعي، الفيسبوك والمدونات.
3. a. unreliable	الويكي والمدونات تعتبر من المصادر الرقمية غير الموثوقة.
4. a. Websites	المواقع التى تنتهى بـ com. تكون مواقع موثوقة.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	free access
3. (✓)	
4. (✗)	edu

للتدريب فقط

3 Match.

الإجابة	التفسير
1. (b)	يدل على المواقع الحكومية.
2. (a)	تدل على المنظمات المصرية أو الغير ربحية.
3. (d)	تدل على المواقع التجارية.
4. (c)	تدل على المواقع التعليمية المصرية.

4 Complete the following sentences with the appropriate words between brackets.

الإجابة	التفسير
1. EKB	بنك المعرفة المصري يوفر وصول مجاني للمصرين لمكتبته.
2. Edu	تشير إلى موقع تعليمي.
3. Unreliable	المعلومات التي تحتوي على آراء، أخطاء وحتى أكاذيب ممكن أن تأتى من مواقع غير موثوقة.

5 Rearrange the following steps for reviewing online sources.

الإجابة	التفسير
1. (c)	تأكد من أن تاريخ النشر حديث.
2. (a)	تحقق من المؤلفين وخبرتهم في مجالهم.
3. (b)	اطلب من معلمك أو أحد أفراد أسرتك المساعدة في التأكد من ذلك.

6 Read and write the name of website.

الإجابة	التفسير
1. Gov.eg	المواقع الحكومية.
2. Org.eg	مواقع مصرية غير ربحية.

3. Edu.eg	مواقع تعليمية مصرية
4. com	مواقع تجارية

Lesson 6

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. **c.** The General Department for Combating Internet Crimes	الإدارة العامة لمكافحة جرائم الإنترنت في مصر مسؤولة عن التعامل مع كل أنواع جرائم الإنترنت.
2. **d.** all of them	التنمر عبر الإنترنت يمكن أن يكون رسائل نصية، رسائل تحوي تهديدات ومنشورات.
3. **d.** bad	المتنمر هو شخص سيئ.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✓)	
3. (✗)	ask your teacher or a family member.
4. (✓)	

تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. **d.** all of them	التنمر الإلكتروني يمكن أن يحتوي على منشورات، رسائل ونصوص سيئة.
2. **b.** identity theft	عندما يسرق شخص حسابك في موقع التواصل الاجتماعي، هذا يعني أنك تعرضت لسرقة هويتك.
3. **a.** they may use your personal information	لو سرقت هويتك على الإنترنت، هذا يعني أنهم يمكنهم استخدام معلوماتك الشخصية.
4. **b.** identity theft	إذا وجدت بياناتك الشخصية في حساب آخر من حسابات التواصل الاجتماعي هذا يعني أنه قد تم سرقة هويتك.
5. **c.** closing the website and then taking your teachers' opinion	في حالة رؤية صورة غير ملائمة أثناء تصفحك للإنترنت، أفضل إجراء يمكن أن تتخذه [إغلاق الموقع وتتحدث إلى معلمك].

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	include posts, messages or texts
3. (✓)	
4. (✓)	
5. (✗)	Ask
6. (✓)	

للتدريب فقط

3 Complete the following sentences with the appropriate words between brackets.

الإجابة	التفسير
1. Online bullying	سلوك عدواني متكرر تجاه شخص ما.
2. problems	مشاكل عبر الإنترنت شائعة ويمكنك دائمًا الحصول على مساعدة.
3. address	عندما تُسرق، هناك شخص بمكنه رؤية بريدك الإلكتروني وعنوانك.

4 Match.

الإجابة	التفسير
1. (c)	مشاكل عبر الإنترنت شائعة.
2. (a)	سرقة الهوية هى محاولة شخص ما للاستيلاء على معلوماتك الشخصية.
3. (b)	عندما تُسرق، شخص ما يستخدم معلوماتك الشخصية.

Accumulative Test on Lessons 1, 2, 3, 4, 5 & 6

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. a. Bullying	سلوك عدواني متكرر تجاه شخص ما.
2. d. camera	التنمر الإلكترونى يتضمن الملصقات، الرسائل والنصوص ولا يتضمن الكاميرا.
3. a. Bullying	التنمر قد يشعرك بالقلق.
4. d. all of them	المعلومات غير الموثوقة تتضمن آراء وأخطاء.

5. d. both a & b	عند التأكيد على المصادر الموثوقة يجب اختيار تاريخ النشر والمؤلف من هو.
6. c. Internet	الإنترنت هى شبكة عالمية تصل ملايين الأجهزة ببعض حول العالم.
7. a. Spam message	الرسالة المزعجة نوع من رسائل البريد الإلكتروني والتي تحتوى على رسالة غير مرغوب فيها أو بها إعلانات.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	can't
2. (✗)	can be
3. (✗)	untrusted
4. (✗)	can
5. (✓)	
6. (✗)	reliable sources
7. (✓)	
8. (✓)	

Lesson 7

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (c) anti-virus	استخدم برنامج لمكافحة الفيروسات لحماية جهازك.
2. (b) Ahmed@3#	كلمة المرور التي تم اختيارها قوية لأنها تحتوي على حروف وأرقام ورموز.
3. (a) numbers and special symbols	من الضروري أن تحتوي كلمة المرور القوية على حروف وأرقام ورموز.
4. (b) viruses	بعض الملفات الموجودة على الإنترنت ربما تحتوي على فيروسات تدمر جهازك.
5. (a) dQv!@v3tM	كلمة المرور التي تم اختيارها قوية لأنها تحتوي على حروف وأرقام ورموز.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✗)	weak
2. (✓)	

3. (✓)	
4. (✗)	letters, numbers and special symbols

تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (b) different	من عوامل الأمان استخدام كلمات مرور مختلفة لحساباتك على الإنترنت.
2. (a) password manager	اذا كان من الصعب عليك تذكر كل كلمات المرور الخاصة بك فيمكنك حفظها في برنامج إدارة كلمات المرور.
3. (c) hacking	اذا حصل شخص ما على كلمة المرور الخاصة بحسابك على مواقع التواصل الاجتماعي فإن هذا يسمى اختراق.
4. (b) Viruses	الفيروسات قد تسبب مشكلات كبيرة ويمكنها ارسال بريد إلكتروني لأي شخص مسجل عندك كما يمكنها حذف ملفاتك.
5. (d) all of them	لتكون بأمان استخدم كلمات مرور مختلفة لكل حساباتك الاجتماعية.
6. (a) Anti-virus	يجب تثبيت برنامج مكافحة الفيروسات على جهازك لحمايتك.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	don't tell
3. (✓)	
4. (✓)	
5. (✗)	different

للتدريب فقط

3 Complete the following sentences with appropriate words in brackets.

الإجابة	التفسير
1. Password	كلمة المرور القوية تحتوى على حروف وأرقام ورموز.
2. anti-virus	استخدم برنامج مكافحة الفيروسات لحماية جهازك.
3. Viruses	الفيروسات تدمر جهازك وتحذف ملفاتك.

4 Read and circle the correct one.

الإجابة	التفسير
1. strong	من المهم إنشاء كلمات مرور قوية.
2. hackers	يتم اختراق حسابك إذا كانت كلمة المرور الخاصة بك سهلة.

Lesson 8

تدريبات من الامتحانات السابقة

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (b) interesting	استخدام WordArt يجعل النصوص أكثر جذبًا.
2. (b) PowerPoint	أحد البرامج التي تقدم الأفكار بطريقة جذابة ويمكن إضافة الصوت والصورة.
3. (d) all of them	عروض البوربوينت والفيديوهات والملصقات من الطرق التي يستخدمها الباحثون في إعداد التقارير.
4. (a) PowerPoint	أحد البرامج الشيقة التى تقدم الأفكار بطريقة جذابة ويمكن إضافة الصوت.

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✗)	large
3. (✓)	
4. (✓)	

تدريبات كتاب المعاصر

1 Choose the correct answer from a, b, c or d.

الإجابة	التفسير
1. (c) large	يجب أن يكون النص المكتوب كبير ومقروء في الملصقات الإعلانية.
2. (b) WordArt	في برنامج PowerPoint استخدام WordArt يجعل النصوص أكثر جذبًا.
3. (a) text, pictures and sounds	في برنامج PowerPoint يمكن إضافة النصوص والصور والأصوات.

4. (c) posters	إذا لم تمتلك جهاز لعرض أفكارك فلا يزال بإمكانك تقديمها بفاعلية باستخدام الملصقات

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

الإجابة	التصحيح
1. (✓)	
2. (✓)	
3. (✗)	texts, pictures and sound effects.
4. (✓)	
5. (✗)	can use
6. (✗)	don't need
7. (✓)	

للتدريب فقط

3 Complete the following sentences with the appropriate words between brackets.

الإجابة	التفسير
1. PowerPoint	هو أحد برامج مايكروسوفت ويستخدم لإنشاء العروض التقديمية.
2. Posters	الملصقات الإعلانية تتضمن رسومات وصور وأشكال.
3. software	يمكن تنزيل برامج للفيديوهات تساعد في عمل الفيديوهات.

4 Read and circle the correct one.

الإجابة	التفسير
1. digital	يمكنه إعداد التقارير الرقمية باستخدام برنامج PowerPoint.
2. blogs	يمكنه إعداد أفلام وثائقية وينشرها على مدوناته الشخصية.

Sample Tests On Theme Two



Sample Test 1

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✓) 3. (✓) 4. (✓)
5. (✗) 6. (✓) 7. (✓) 8. (✗)

2 Choose the correct answer from a, b, c or d.

1. b. block 2. b. Hacking
3. a. anti-virus
4. b. PowerPoint®
5. c. PowerPoint®
6. c. large 7. b. different

Sample Test 2

1 Choose the correct answer from a, b, c or d.

1. b. internet
2. b. spam messages
3. b. link 4. a. EKB
5. a. password manager
6. c. Hacking 7. a. PowerPoint
8. a. banned

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✗) 3. (✓) 4. (✗)
5. (✗) 6. (✓) 7. (✓)

Sample Test 3

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✓) 3. (✓) 4. (✓)
5. (✗) 6. (✓) 7. (✓) 8. (✓)

2 Choose the correct answer from a, b, c or d.

1. d. all of them 2. a. Anti-virus
3. c. posters 4. d. both a & b
5. a. damage your files
6. b. positive 7. b. responsible

Sample Test 4

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✗) 3. (✗) 4. (✓)
5. (✗) 6. (✓) 7. (✓)

2 Choose the correct answer from a, b, c or d.

1. c. hacking 2. b. Viruses
3. c. share
4. a. damage your files
5. b. personal data
6. d. both a & b
7. a. long phrases
8. b. (+)

Monthly Assessments



1 October Test

1 Put (✓) in front of the correct sentence and (X) in front of the wrong one.

1. (✓) 2. (✓) 3. (✓) 4. (✓)
5. (✓) 6. (X) 7. (✓)

2 Choose the correct answer from

1. Input 2. Windows
3. Satellites 4. Word
5. Braille terminal
6. a. computer
7. b update the program
8. c assistive technology

2 November Test

1 Put (✓) in front of the correct sentence and (X) in front of the wrong one.

1. (✓) 2. (✓) 3. (✓) 4. (✓)
5. (✓) 6. (✓) 7. (X)

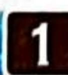
2 Choose the correct answer from

1. downloading
2. video calls
3. spam messages
4. ... block
5. d. None of them
6. c search engine
7. b internet
8. c personal data

El-Moasser Sample Tests

Sample Test 1

1 Choose the correct answer from a, b, c or d.

1. c. screen
2. b. Screen magnification
3. a. email
4. a download a file
5. c.  6. b Word
7. personal information
8. b Ahmed@3#

2 Put (✓) in front of the correct sentence and (X) in front of the wrong one.

1. (X) 2. (✓) 3. (X) 4. (X)
5. (✓) 6. (✓) 7. (X)

Sample Test 2

1 Put (✓) in front of the correct sentence and (X) in front of the wrong one.

1. (✓) 2. (✓) 3. (X) 4. (✓)
5. (✓) 6. (✓) 7. (X)

2 Choose the correct answer from a, b, c or d.

1. a. Keyboard
2. b. Hearing aids
3. a. spam
4. c. Chart
5. c. camera
6. b. analyze it
7. b. Hacking
8. c. video calls

Sample Test 3

1 Choose the correct answer from a, b, c or d.

1. a. GPS positioning system
2. a. keyboard
3. c. CPU
4. a. Del + Alt + Ctrl
5. a. Personal data
6. c. keyboard
7. b. Word program
8. c. Browser

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✓) 3. (✓) 4. (✗)
5. (✓) 6. (✗) 7. (✓)

Sample Test 4

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✓) 3. (✗) 4. (✗)
5. (✗) 6. (✗) 7. (✗) 8. (✗)

2 Choose the correct answer from a, b, c or d.

1. c. video calls
2. b. visual impairment
3. b. Scanner
4. b. hack
5. b. output audio information
6. c. CPU
7. b. Ahmed@3#

Sample Test 5

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✗) 3. (✓) 4. (✗)
5. (✗) 6. (✗) 7. (✓) 8. (✗)

2 Choose the correct answer from a, b, c or d.

1. c. positioning device GPS
2. d. Penetrating radar device
3. a. speech synthesizer
4. b. calling and checking if he sent it
5. c. Braille
6. c. Scanner
7. d. none of them

Governorates Examinations



1 Cairo Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✗) 3. (✓) 4. (✗)
5. (✗) 6. (✓) 7. (✓) 8. (✗)

2 Choose the correct answer from a, b, c or d.

1. a. Download
2. c. Google
3. b. Personal information
4. b. MS. Excel
5. c. Mic
6. a. CPU
7. a. Satellite

2 Giza Governorate

1 Choose the correct answer from a, b, c or d.

1. b. keyboard
2. c. Prosthetic leg
3. b. updated news
4. b. eight
5. c. WordArt
6. a. GPR
7. d. Windows

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✓) 3. (✓) 4. (✗)
5. (✗) 6. (✓) 7. (✓) 8. (✓)

3 Alexandria Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✓) 3. (✗) 4. (✓)
5. (✓) 6. (✗) 7. (✗) 8. (✗)

2 Choose the correct answer from a, b, c or d.

1. b. spam
2. a. keyboard
3. a. Personal information
4. c. camera 5. a. " "
6. b. Search engine
7. a. eye fatigue

4 Qalyoubia Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✗) 3. (✗) 4. (✓)
5. (✓) 6. (✓) 7. (✓)

2 Choose the correct answer from a, b, c or d.

1. b. hack
2. b. Braille
3. a. the screen freezes
4. a. Personal data
5. b. " " 6. a. computer
7. c. Speaker
8. d. Antivirus Programs

5 Sharkia Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✗) 3. (✗) 4. (✓)
5. (✓) 6. (✗) 7. (✗) 8. (✓)

2 Choose the correct answer from a, b, c or d.

1. a Video calls 2. b spam
3. check his identity
4. Speaker
5. camera
6. unknown person wants to share your information
7. numbers and special symbols

Menofia Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✓) 3. (✗) 4. (✓)
5. (✓) 6. (✓) 7. (✗)

2 Choose the correct answer from a, b, c or d.

1. a keyboard
2. c. restart the device
3. b. Ahmed@3#
4. b. spam 5. c Scanner
6. check his identity
7. Alternate communication softwares
8. data

7 Gharbia Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✗) 3. (✗) 4. (✓)
5. (✗) 6. (✓) 7. (✓) 8. (✓)

2 Choose the correct answer from a, b, c or d.

1. b Personal data
2. ignore
3. Excel
4. (+) sign
5. different
6. c. PowerPoint®
7. software

Dakahlia Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✗) 3. (✓) 4. (✗)
5. (✗) 6. (✓) 7. (✓)

2 Choose the correct answer from a, b, c or d.

1. screen freezes
2. bar graph
3. b. spam
4. c. Ahmed@212#
5. a. Online bullying
6. GPS
7. c both a & b
8. Medical hearing aids

9 El-Behera Governorate

1 Choose the correct answer from a, b, c or d.

1. Ctrl+ Alt+Delete
2. Speech synthesizer
3. Hacking
4. c. Ground Penetrating Radar
5. b. CPU
6. c. Unknown person
7. a. Speaker

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✗) 3. (✓) 4. (✓)
5. (✗) 6. (✓) 7. (✗) 8. (✓)

10 Ismailia Governorate

1 Choose the correct answer from a, b, c or d.

1. c. video call
2. Scanner
3. b. hack
4. Keyboard
5. spam
6. b. E-mail
7. c. Braille
8. b. Ahmed@3#

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✗) 3. (✓) 4. (✓)
5. (✗) 6. (✓) 7. (✗)

11 Suez Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✓) 3. (✓) 4. (✓)
5. (✓) 6. (✓) 7. (✓) 8. (✗)

2 Choose the correct answer from a, b, c or d.

1. a. uninstall and reinstall the app
2. b. Computer virus
3. a. Online bulling
4. d. none of them
5. graph 6. d. All of them
7. Both a & b

12 Beni Suef Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✓) 3. (✓) 4. (✓)
5. (✗) 6. (✗) 7. (✓) 8. (✓)

2 Choose the correct answer from a, b, c or d.

1. Internet
2. a. Personal data
3. a. Electronic Books
4. c. unknown person wants to share your information
5. b. helping people with disabilities
6. c. Braille
7. b. visual impairment

13 Damietta Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✗) 3. (✓) 4. (✓)
5. (✗) 6. (✓) 7. (✓)

2 Choose the correct answer from a, b, c or d.

1. c. Speech Synthesizer
2. a. search engine
3. c. " " 4. b. Antivirus
5. a. Personal data
6. b. GPS
7. c. check his identity
8. a. blocking

14 Port Said Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✓) 3. (✗) 4. (✓)
5. (✗) 6. (✓) 7. (✓) 8. (✓)

2 Choose the correct answer from a, b, c or d.

1. c. books and articles
2. a. GPS
3. b. device's model and manufacturing data
4. b. Assistive technology
5. c. both (a & b)
6. a. Bulling
7. a. PowerPoint®

15 Minia Governorate

1 Choose the correct answer from a, b, c or d.

1. c. check the identity
2. c. input and output
3. c. GPS
4. a. PowerPoint
5. b. Computers
6. a. long phrases 7. c. bad
8. a. password manager

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✓) 3. (✗) 4. (✗)
5. (✗) 6. (✗) 7. (✓)

16 Assiut Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✗) 2. (✓) 3. (✓) 4. (✗)
5. (✓) 6. (✗) 7. (✗) 8. (✓)

2 Choose the correct answer from a, b, c or d.

1. b. Microphone
2. b. camera, microphone and internet
3. c. graph 4. c. Braille
5. b. easy access to information
6. b. scanner
7. a. the internet

17 Qena Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✓) 3. (✗) 4. (✗)
5. (✓) 6. (✓) 7. (✗)

2 Choose the correct answer from a, b, c or d.

1. a. hearing aids
2. a. the screen freezes
3. c. books
4. b. " "
5. b. program
6. c. anti-virus
7. c. bad
8. a. eye strain

18 Sohag Governorate

1 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✓) 3. (✓) 4. (✓)
5. (✗) 6. (✗) 7. (✓) 8. (✓)

2 Choose the correct answer from a, b, c or d.

1. c. Bullying
2. a. Hearing aids
3. c. Name
4. a. block
5. c. Tablet
6. b. download videos
7. a. Keyboard

19 Luxor Governorate

1 Choose the correct answer from a, b, c or d.

1. a. GPS
2. a. block him
3. a. EKB
4. c. Bullying
5. c. unreliable
6. a. E-mail
7. b. assistive technology
8. a. Braille terminal

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✗) 3. (✗) 4. (✓)
5. (✗) 6. (✓) 7. (✓)

20 Aswan Governorate

1 Choose the correct answer from a, b, c or d.

1. c. Screen enlargement
2. c. Camera
3. c. Picture
4. b. reliable
5. a. Google
6. b. spam messages
7. c. drawings
8. d. Update

2 Put (✓) in front of the correct sentence and (✗) in front of the wrong one.

1. (✓) 2. (✗) 3. (✓) 4. (✓)
5. (✗) 6. (✗) 7. (✗)